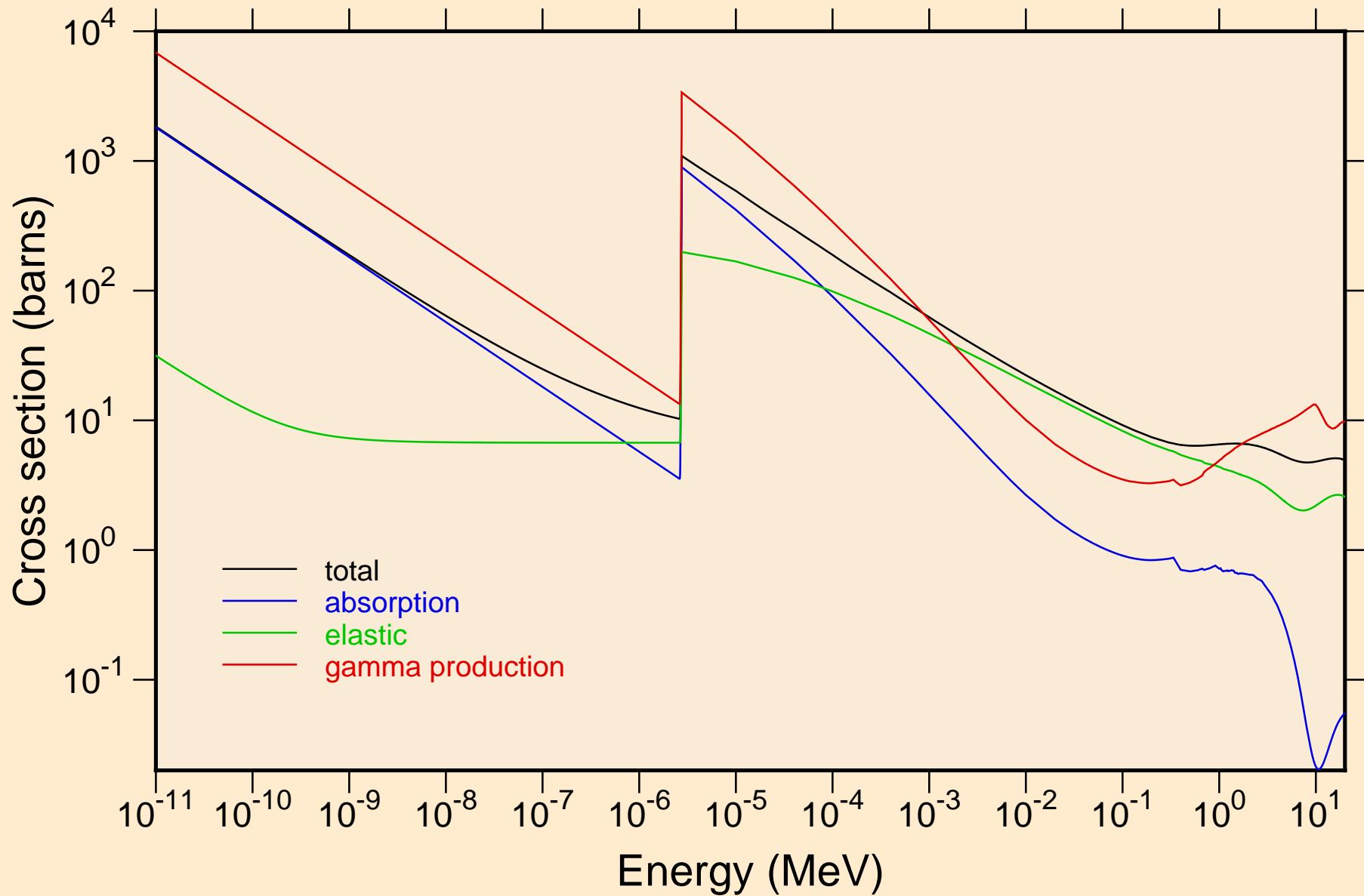
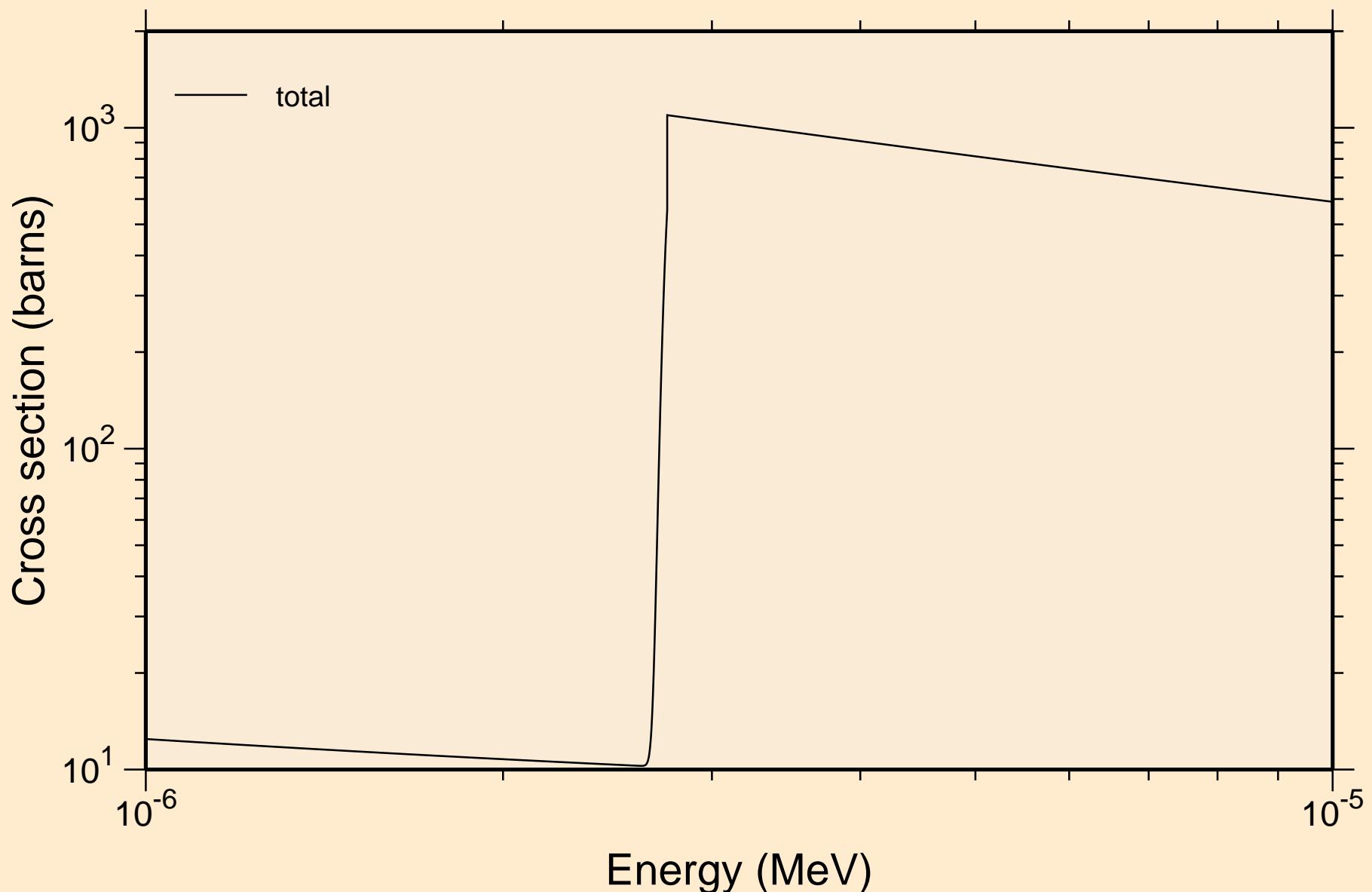


# JENDL-4 DY-154

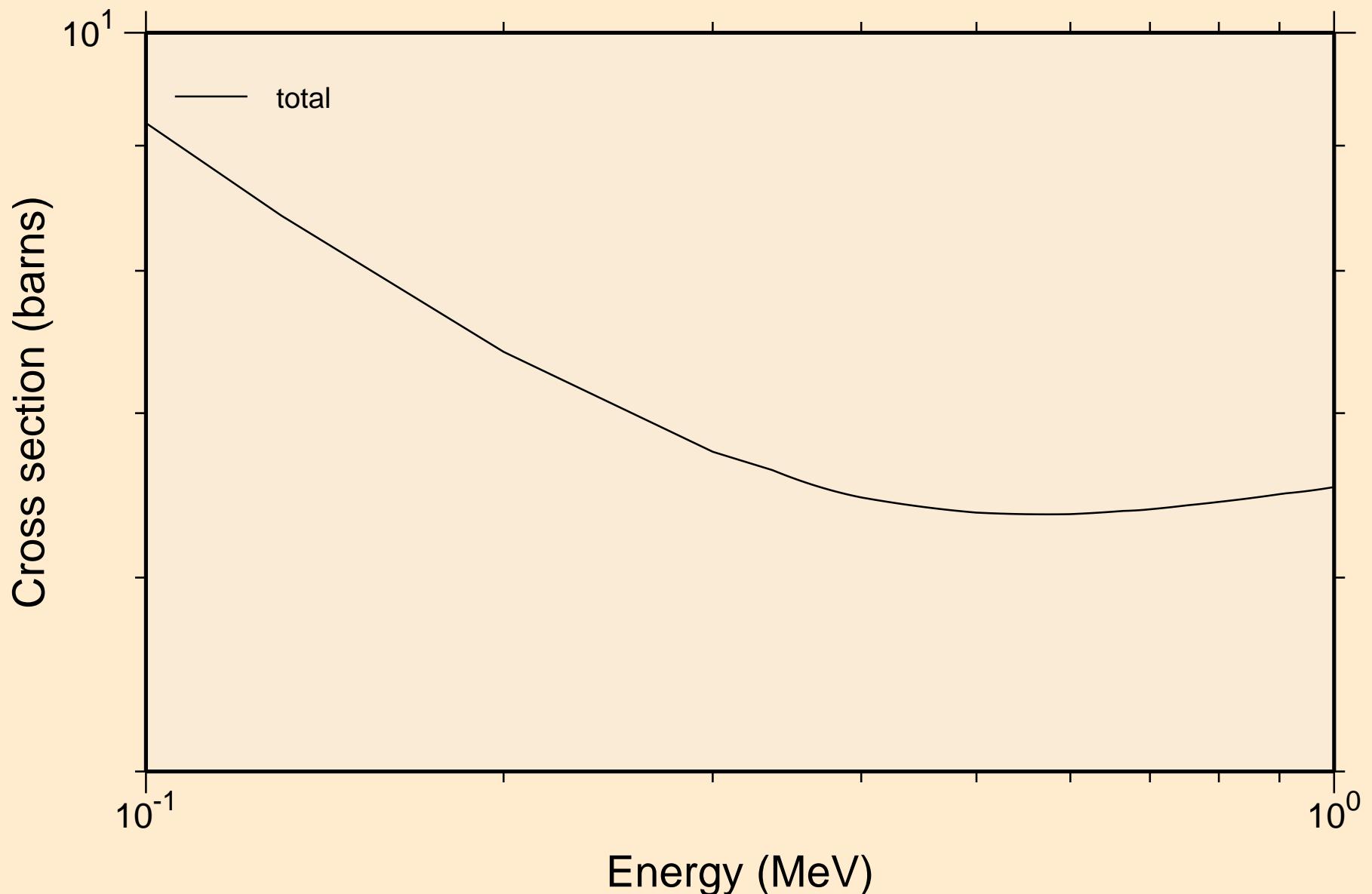
## Principal cross sections



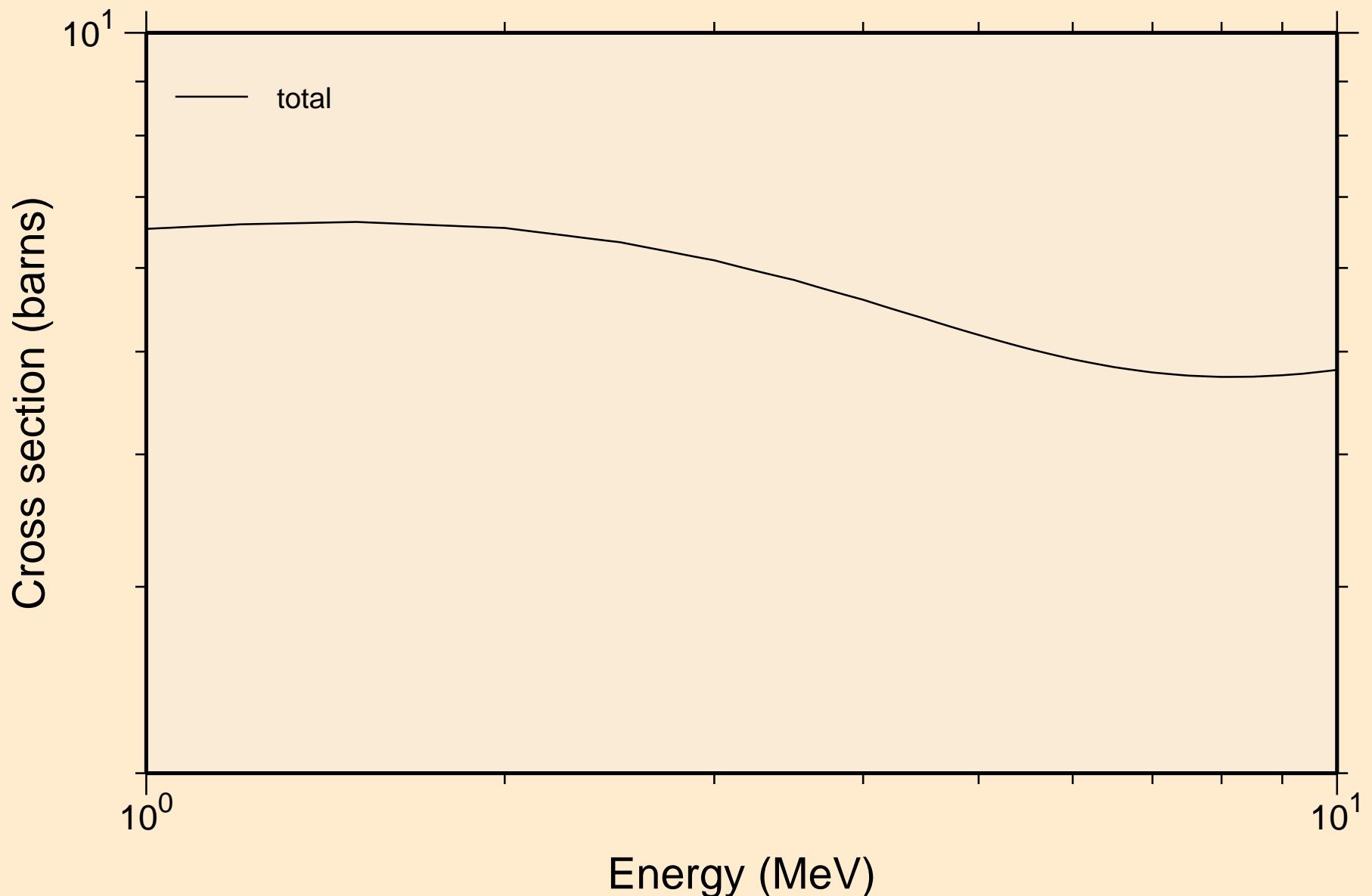
JENDL-4 DY-154  
resonance total cross section



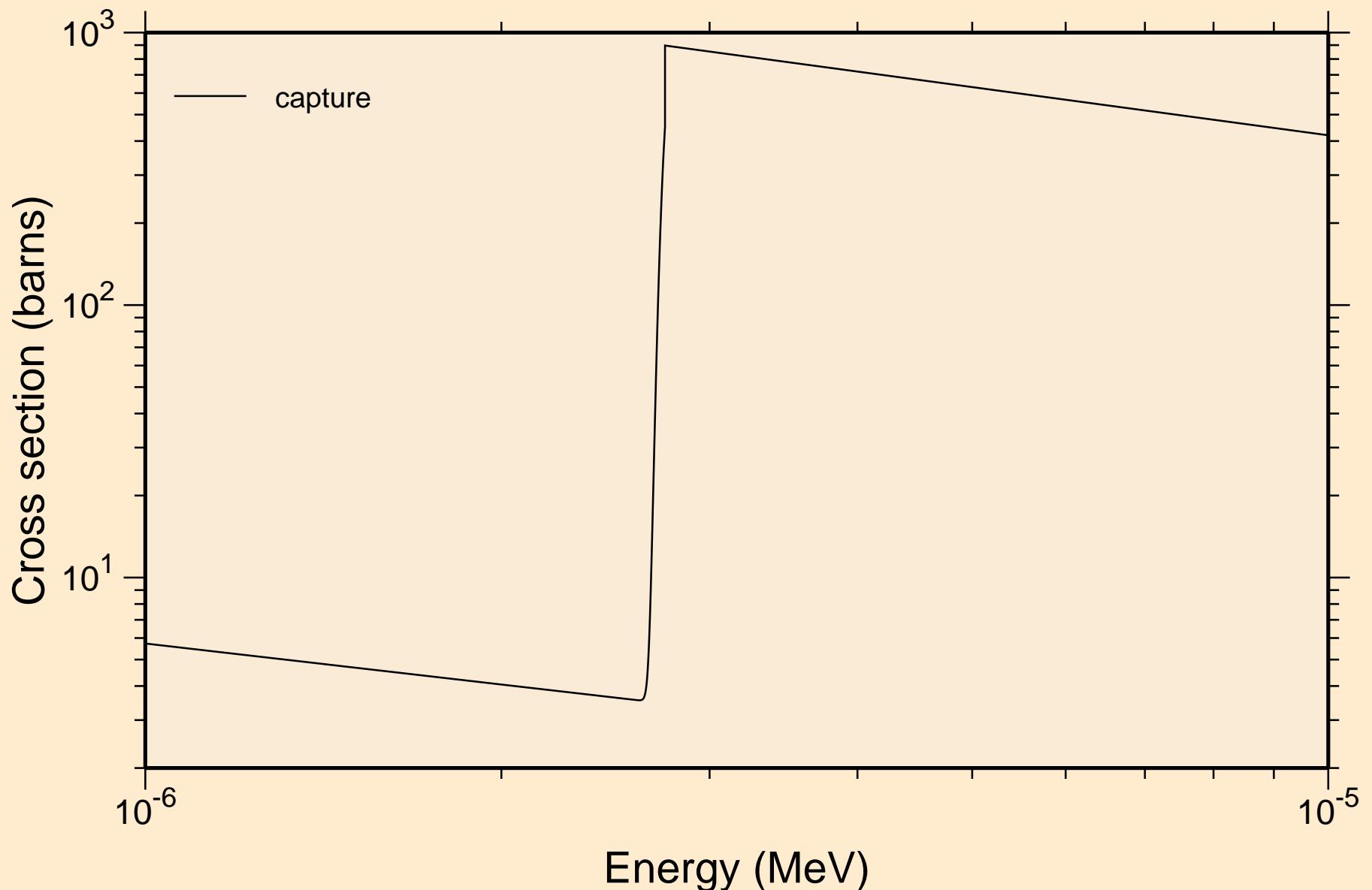
JENDL-4 DY-154  
resonance total cross section



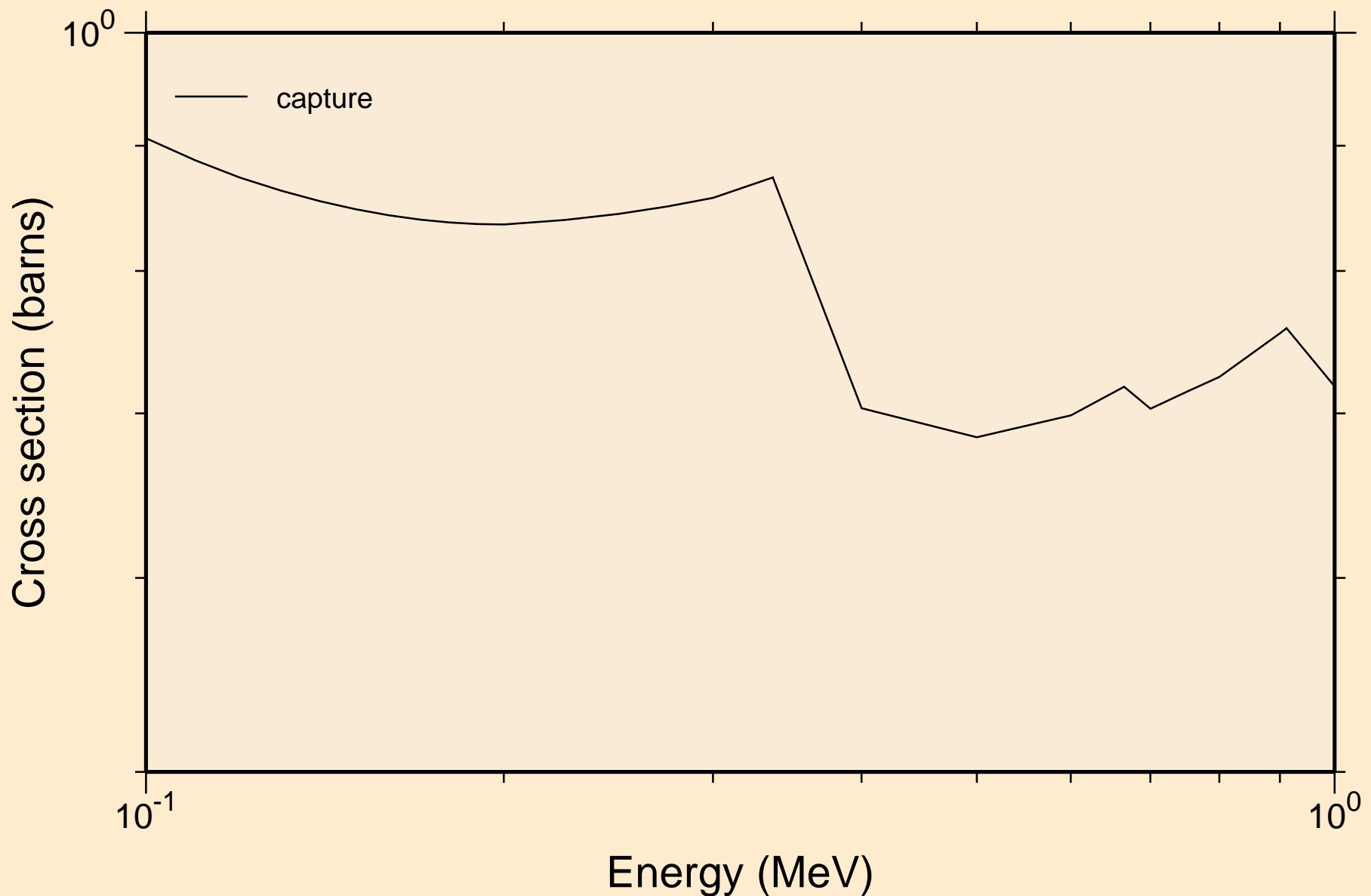
JENDL-4 DY-154  
resonance total cross section



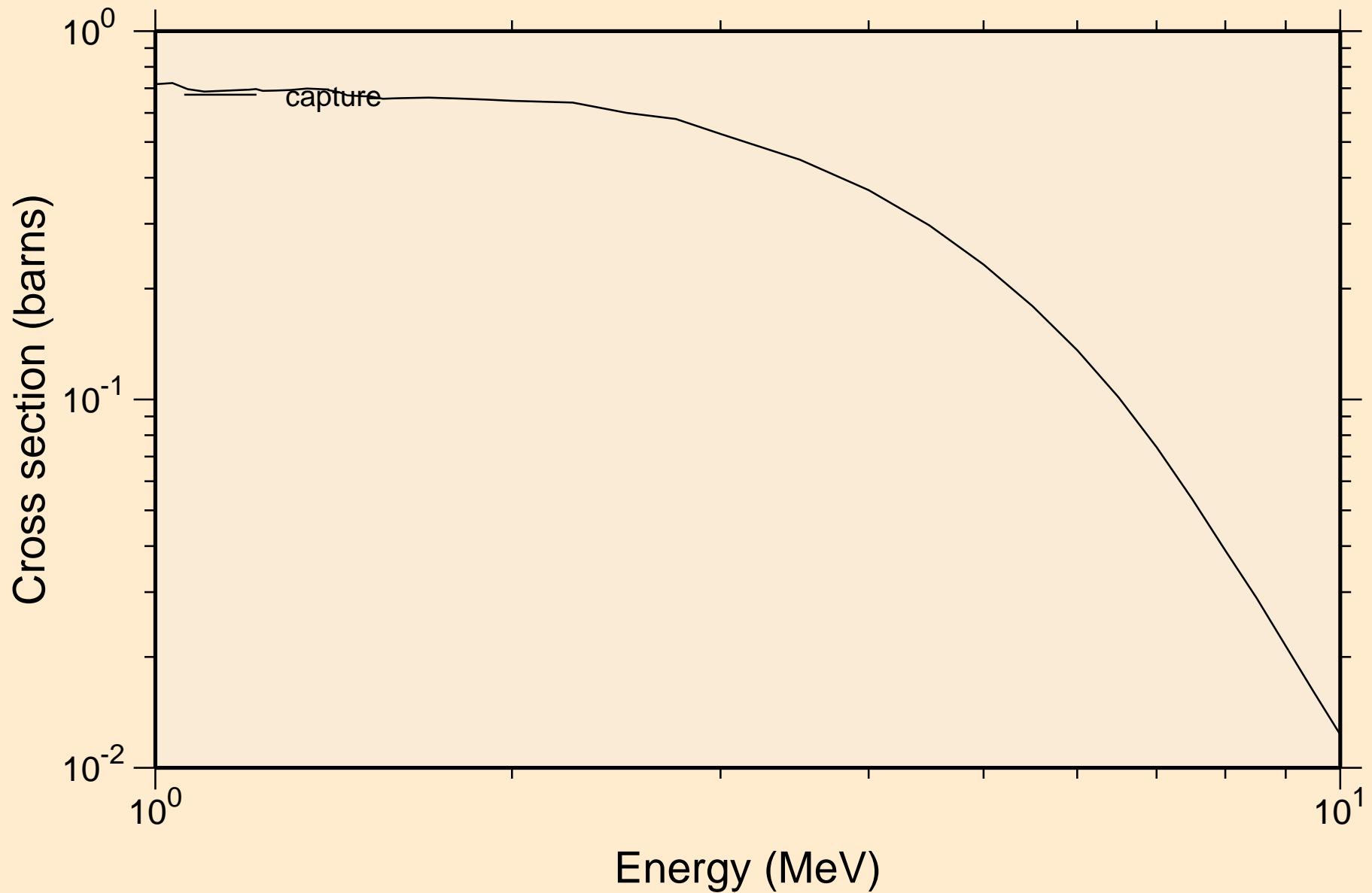
JENDL-4 DY-154  
resonance absorption cross sections



JENDL-4 DY-154  
resonance absorption cross sections

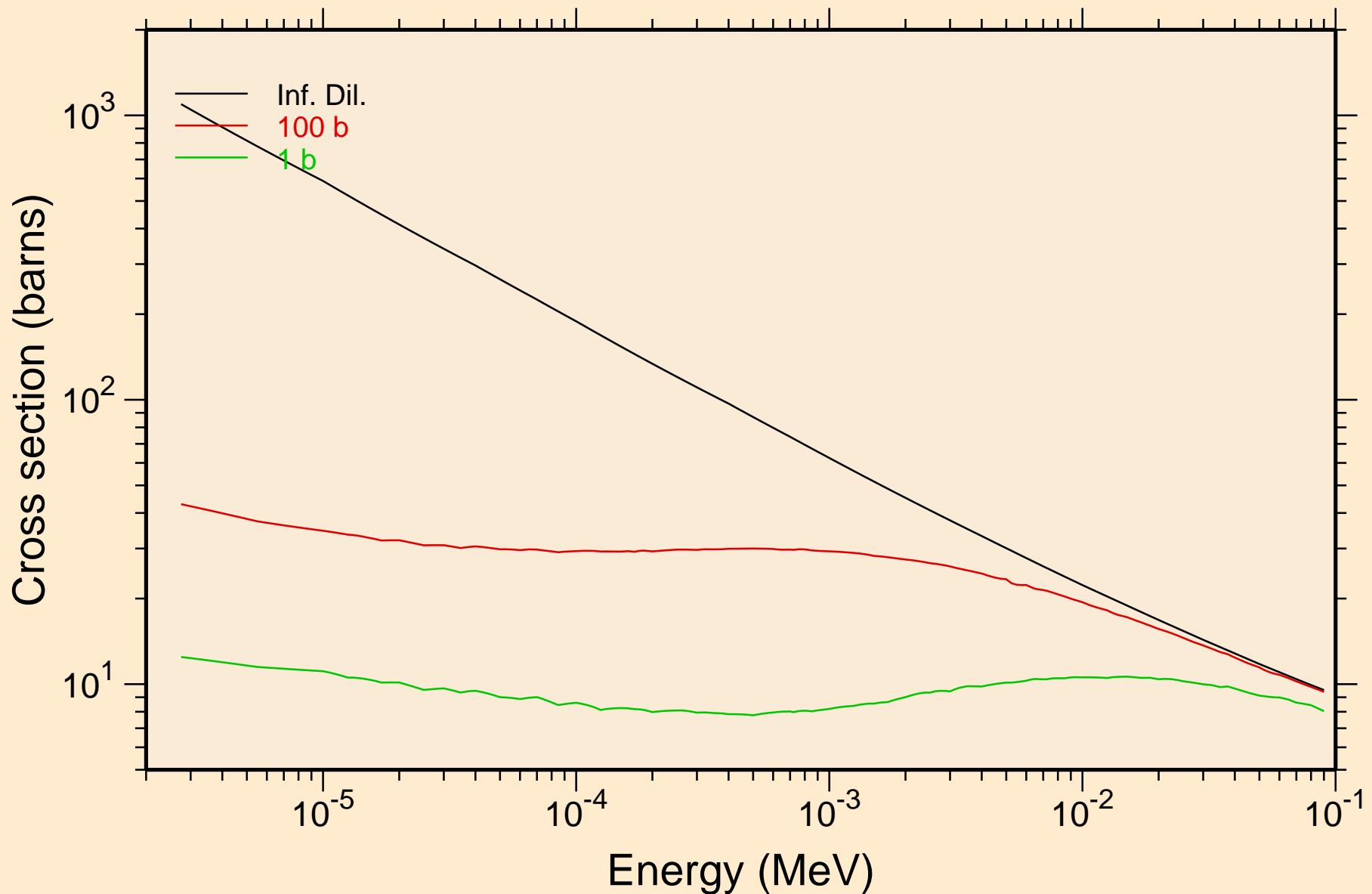


JENDL-4 DY-154  
resonance absorption cross sections



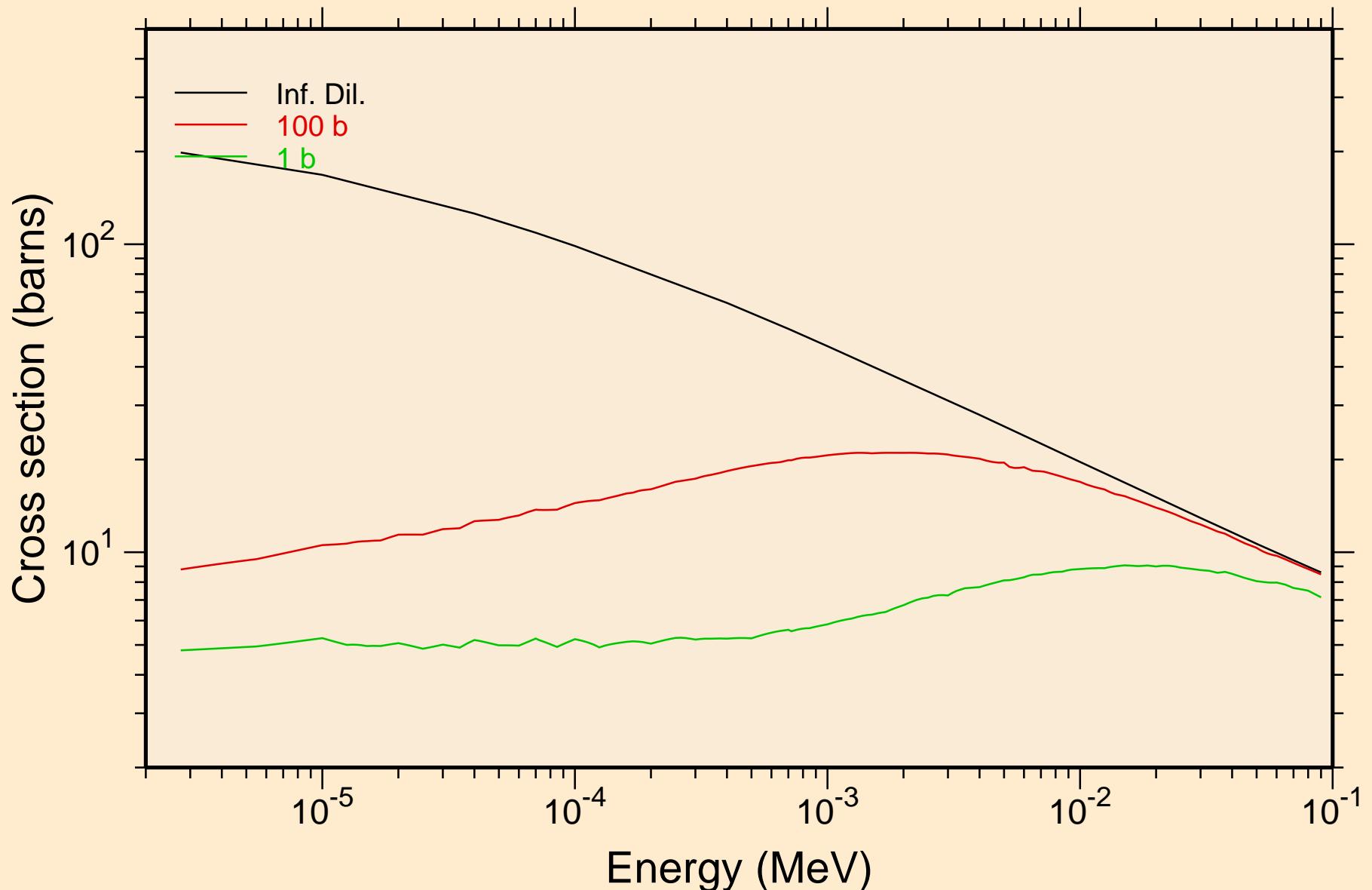
# JENDL-4 DY-154

## UR total cross section



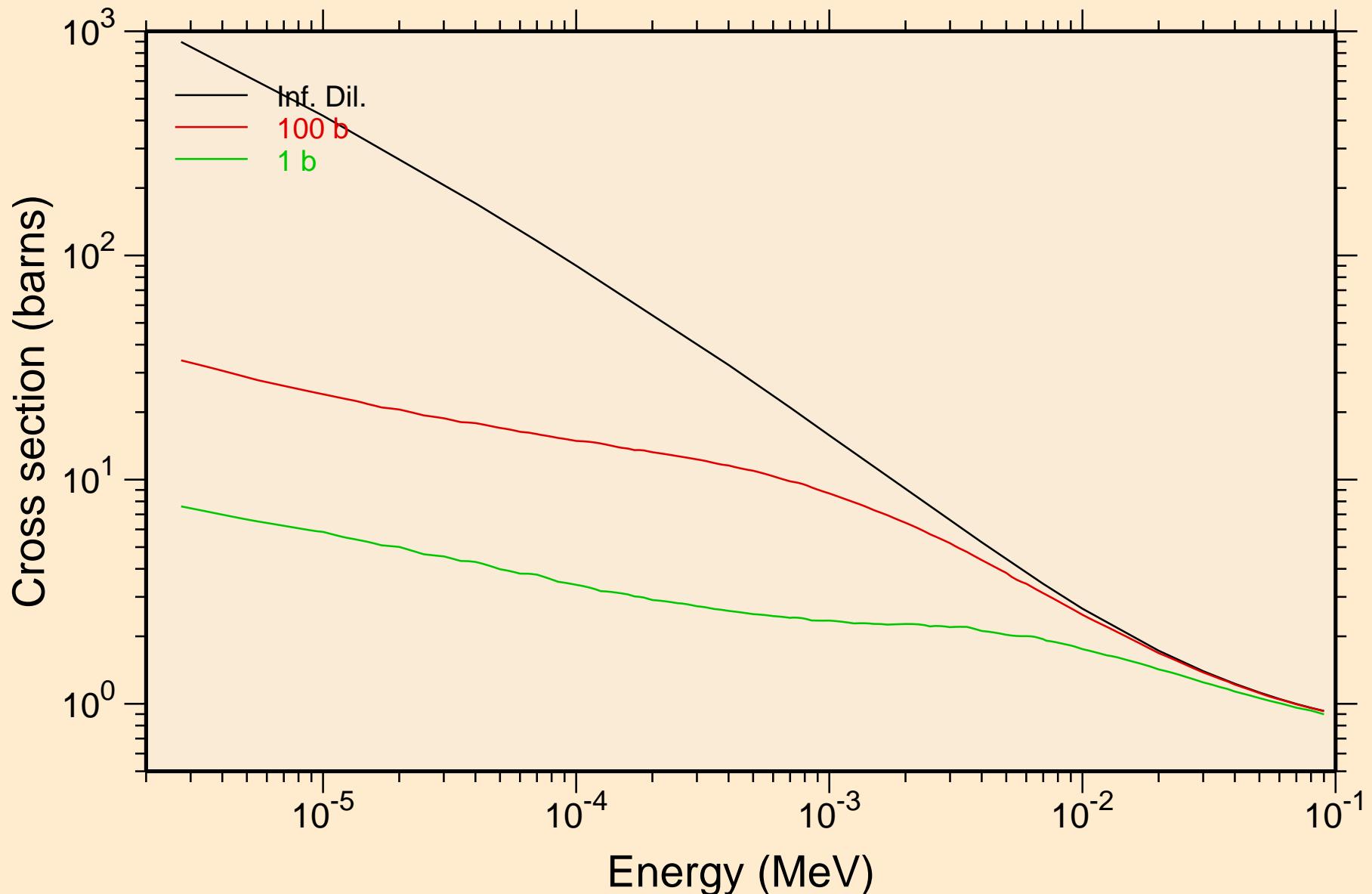
# JENDL-4 DY-154

## UR elastic cross section

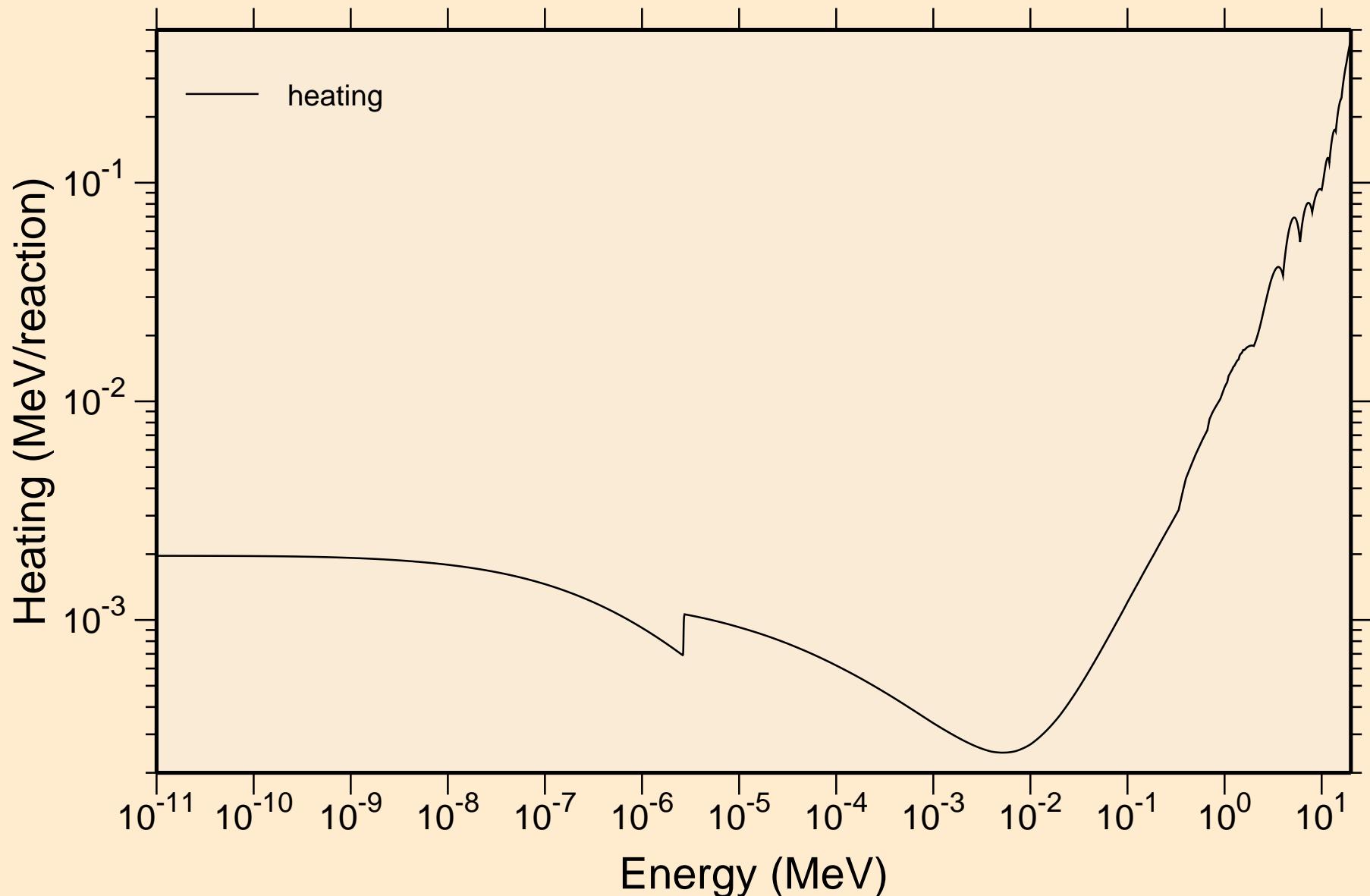


# JENDL-4 DY-154

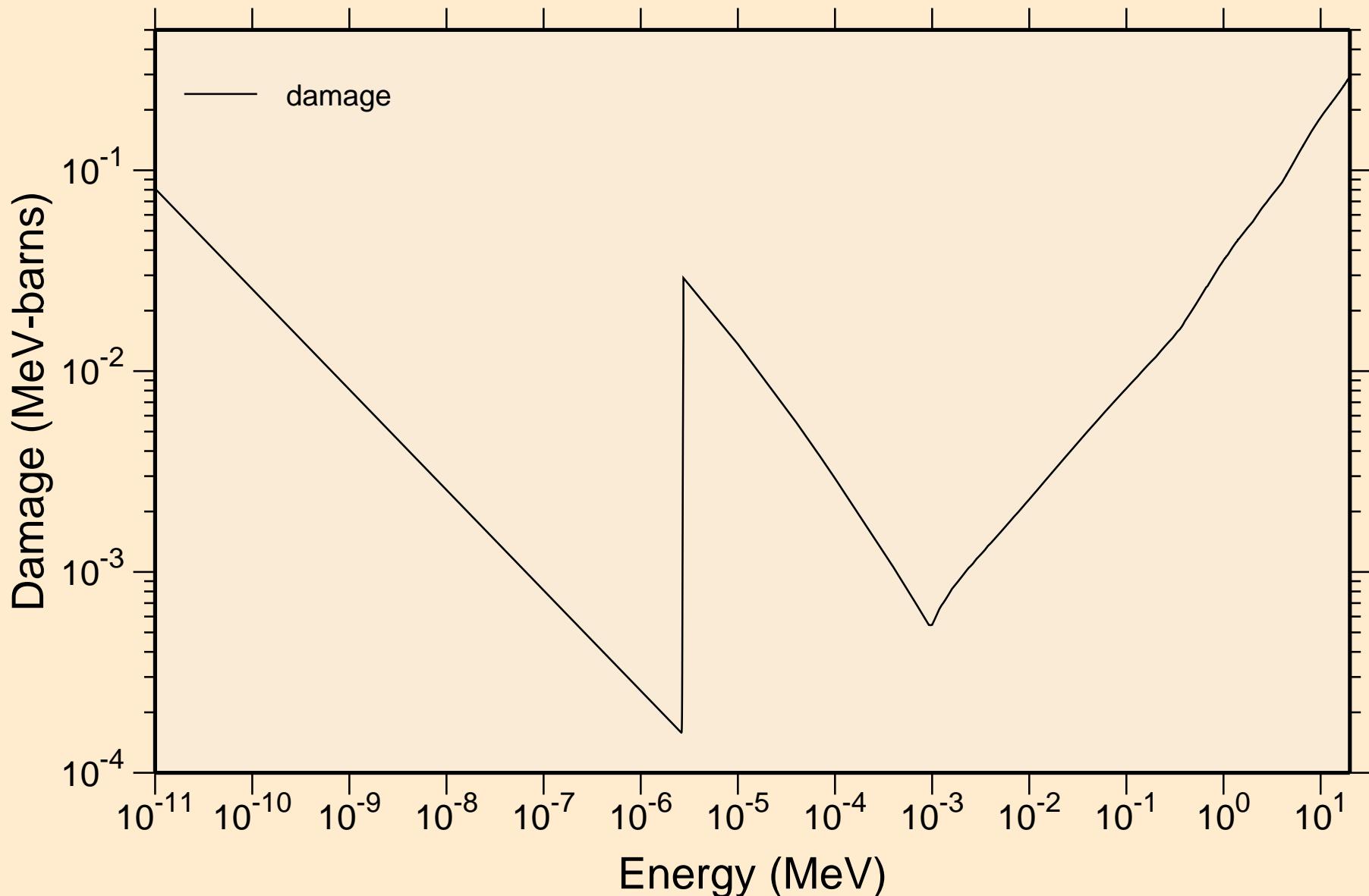
## UR capture cross section



JENDL-4 DY-154  
Heating

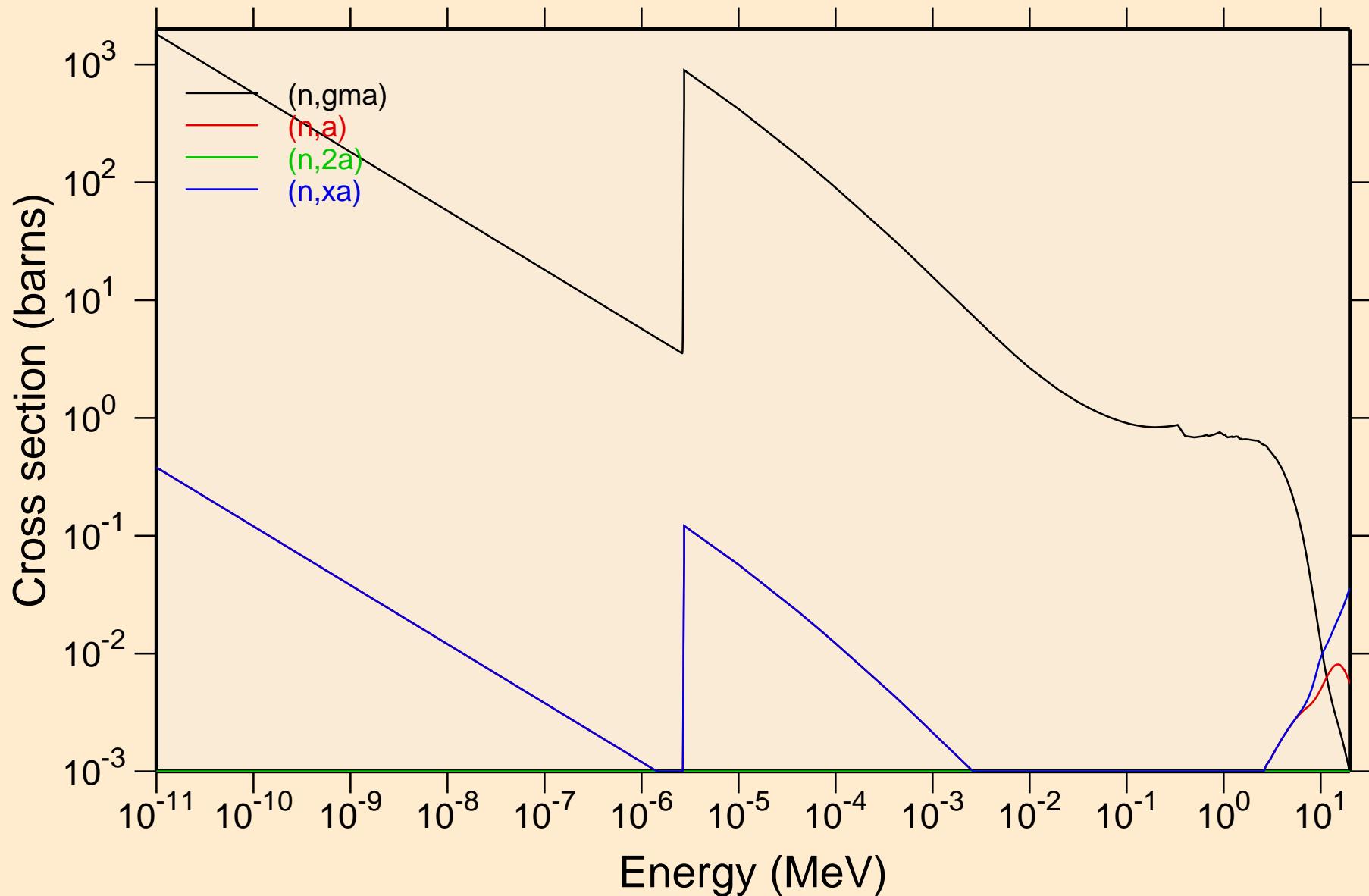


JENDL-4 DY-154  
Damage



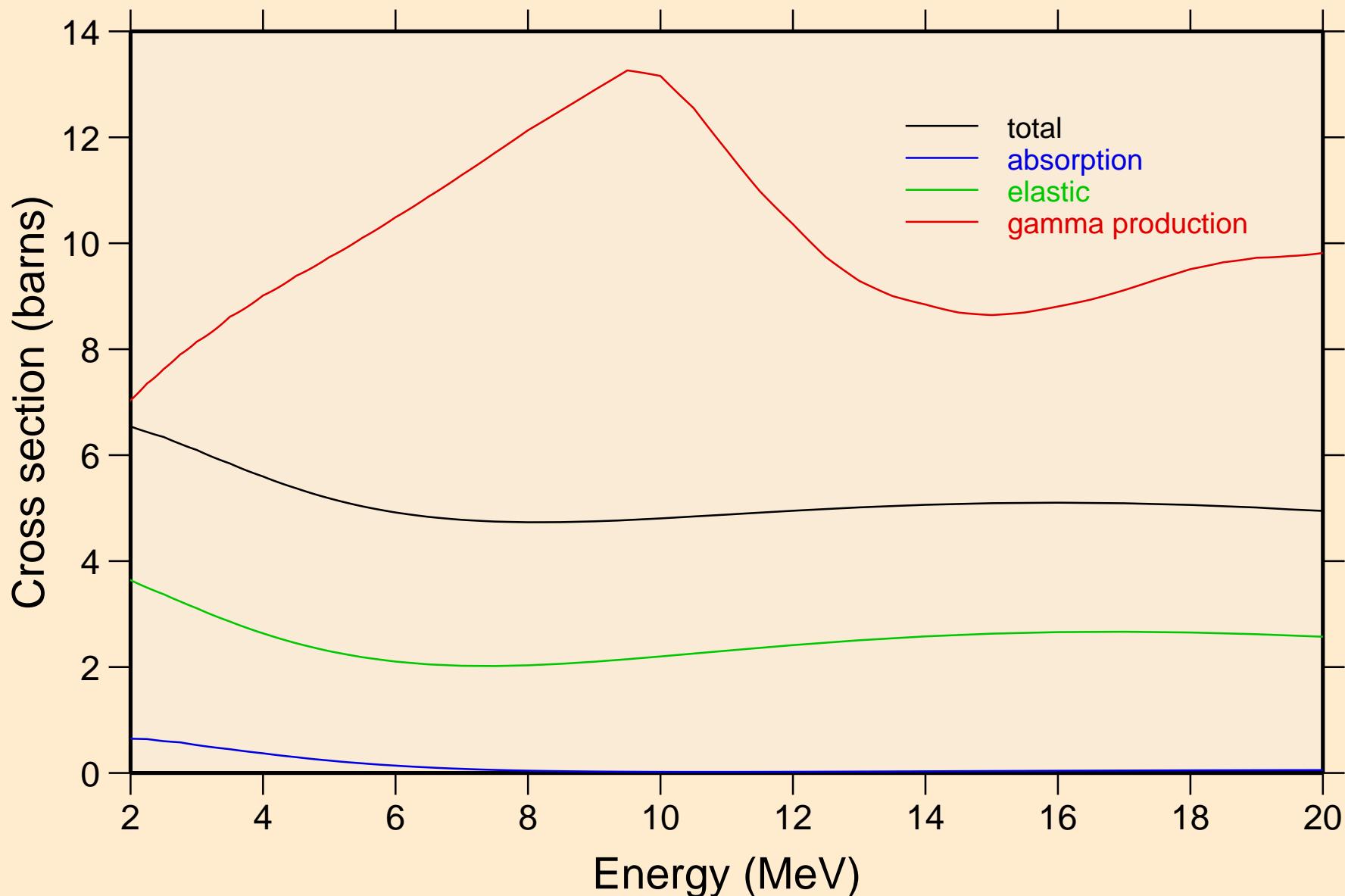
# JENDL-4 DY-154

## Non-threshold reactions

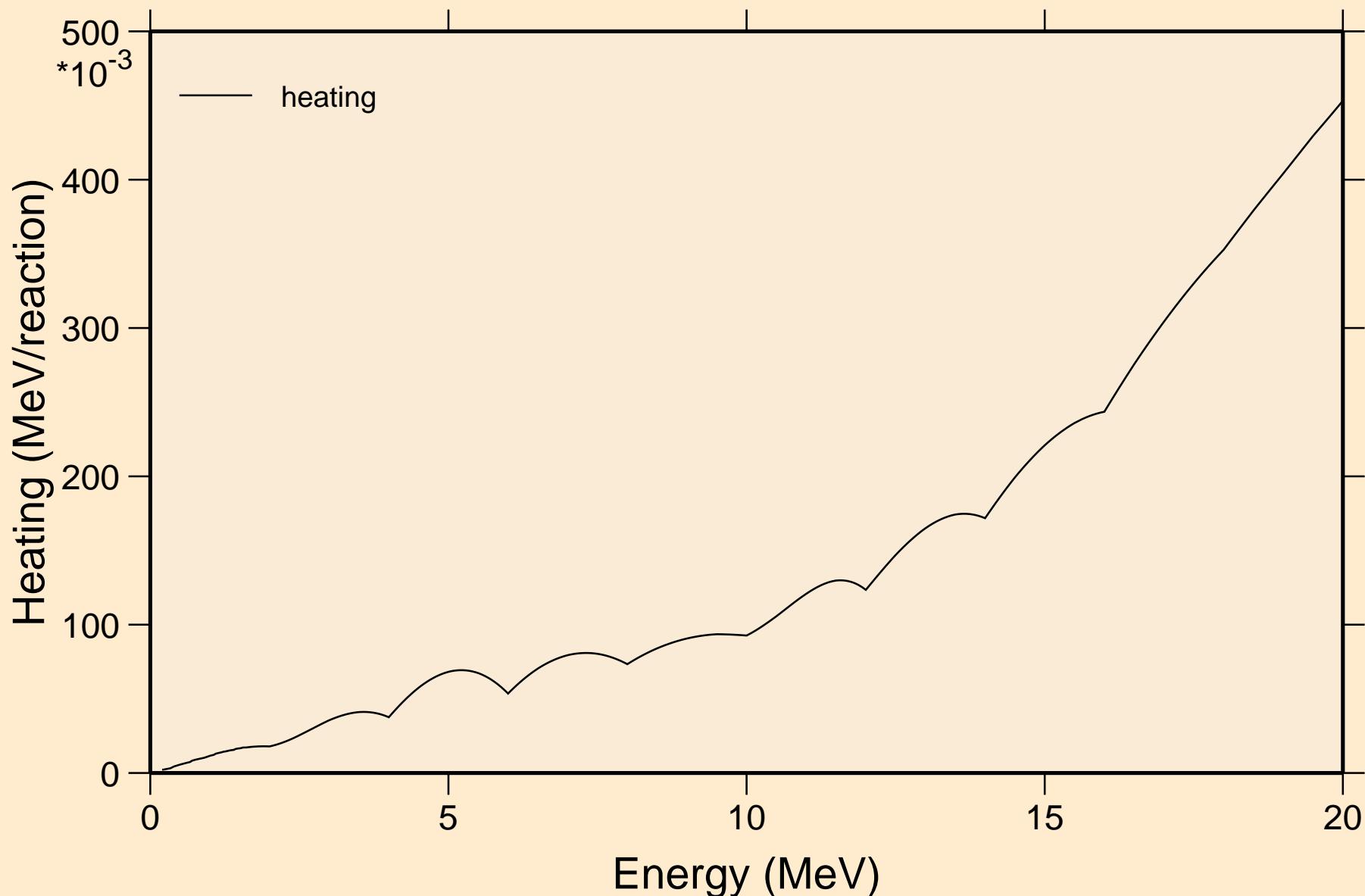


# JENDL-4 DY-154

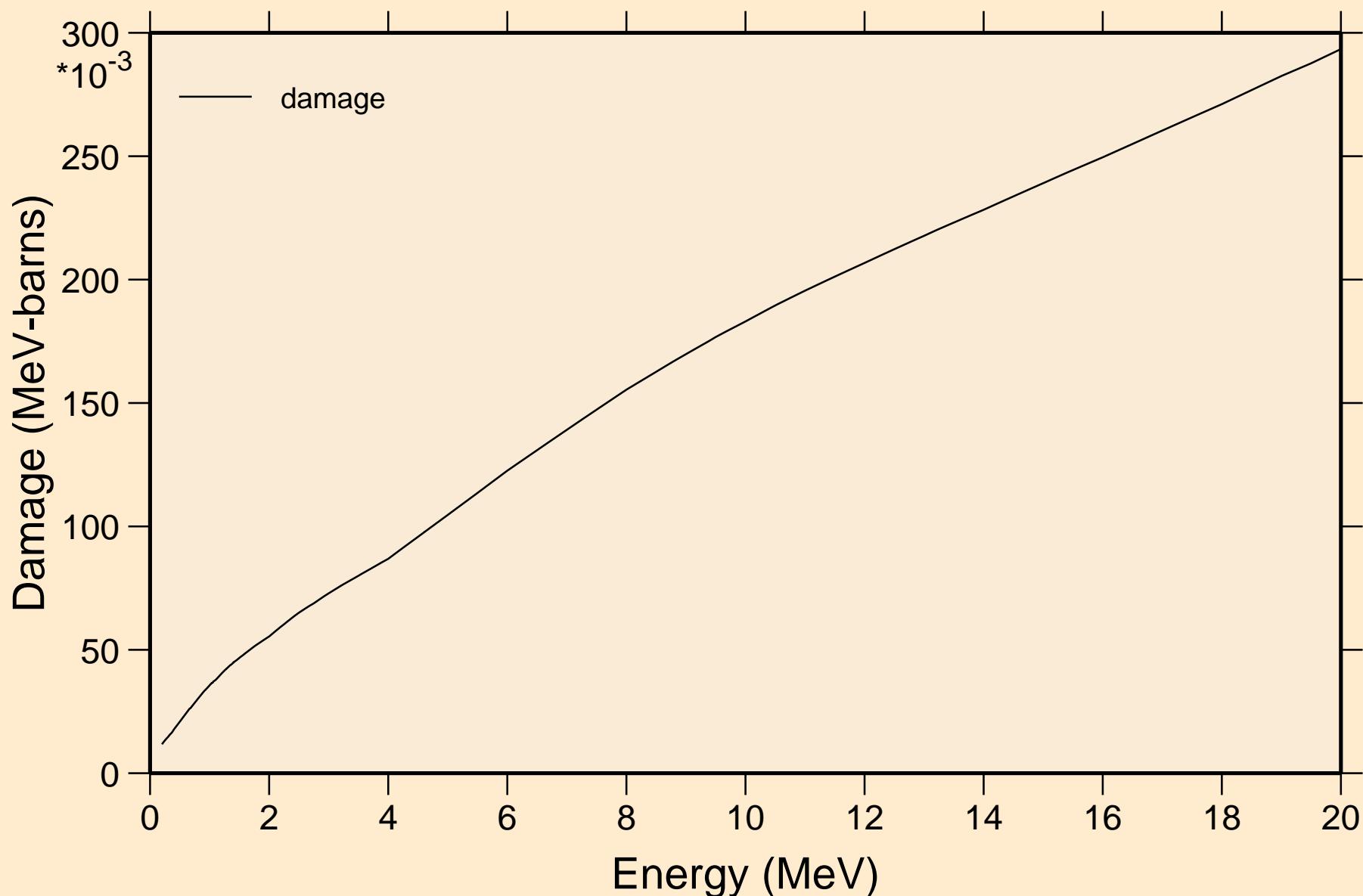
## Principal cross sections



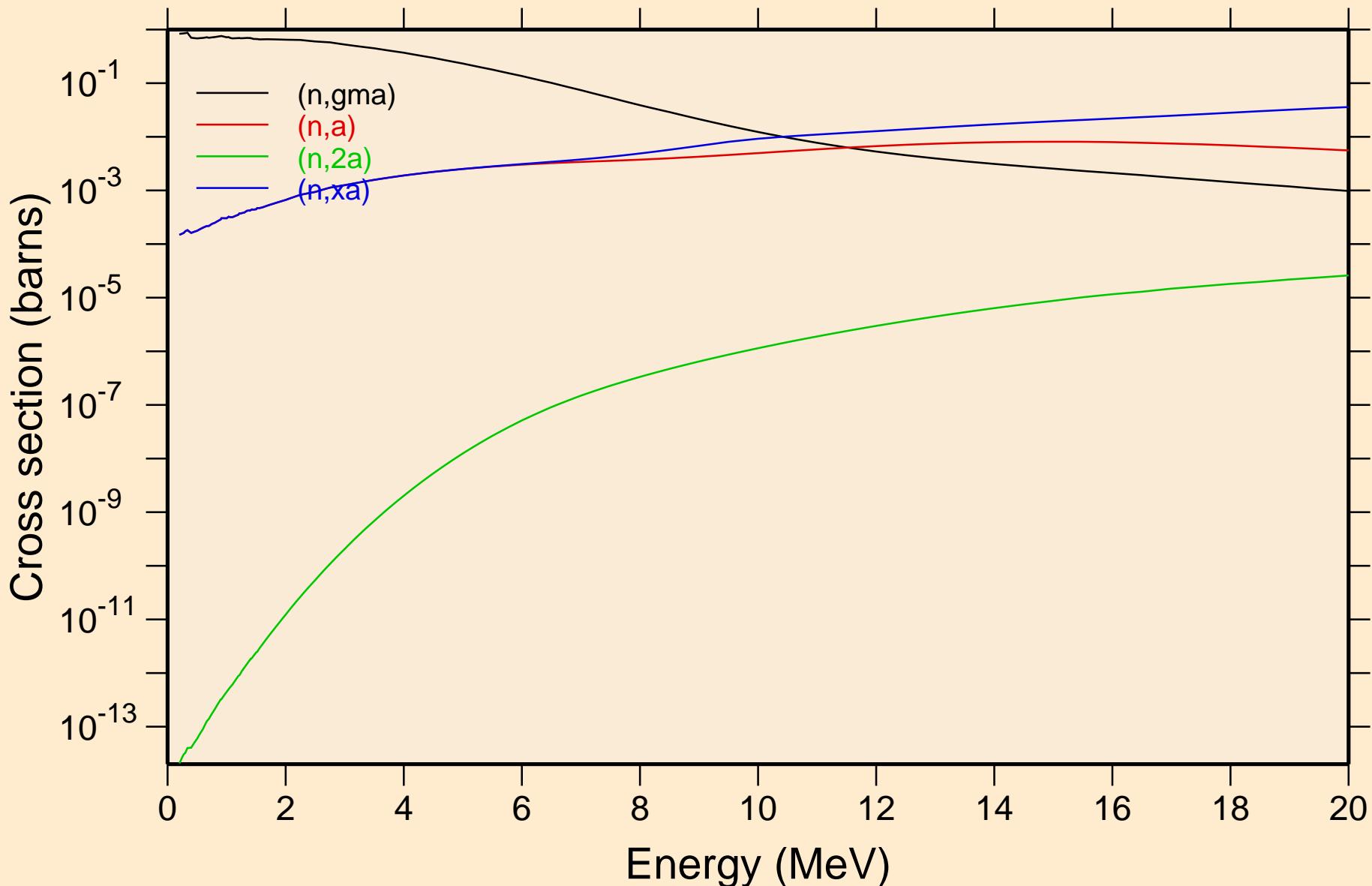
JENDL-4 DY-154  
Heating



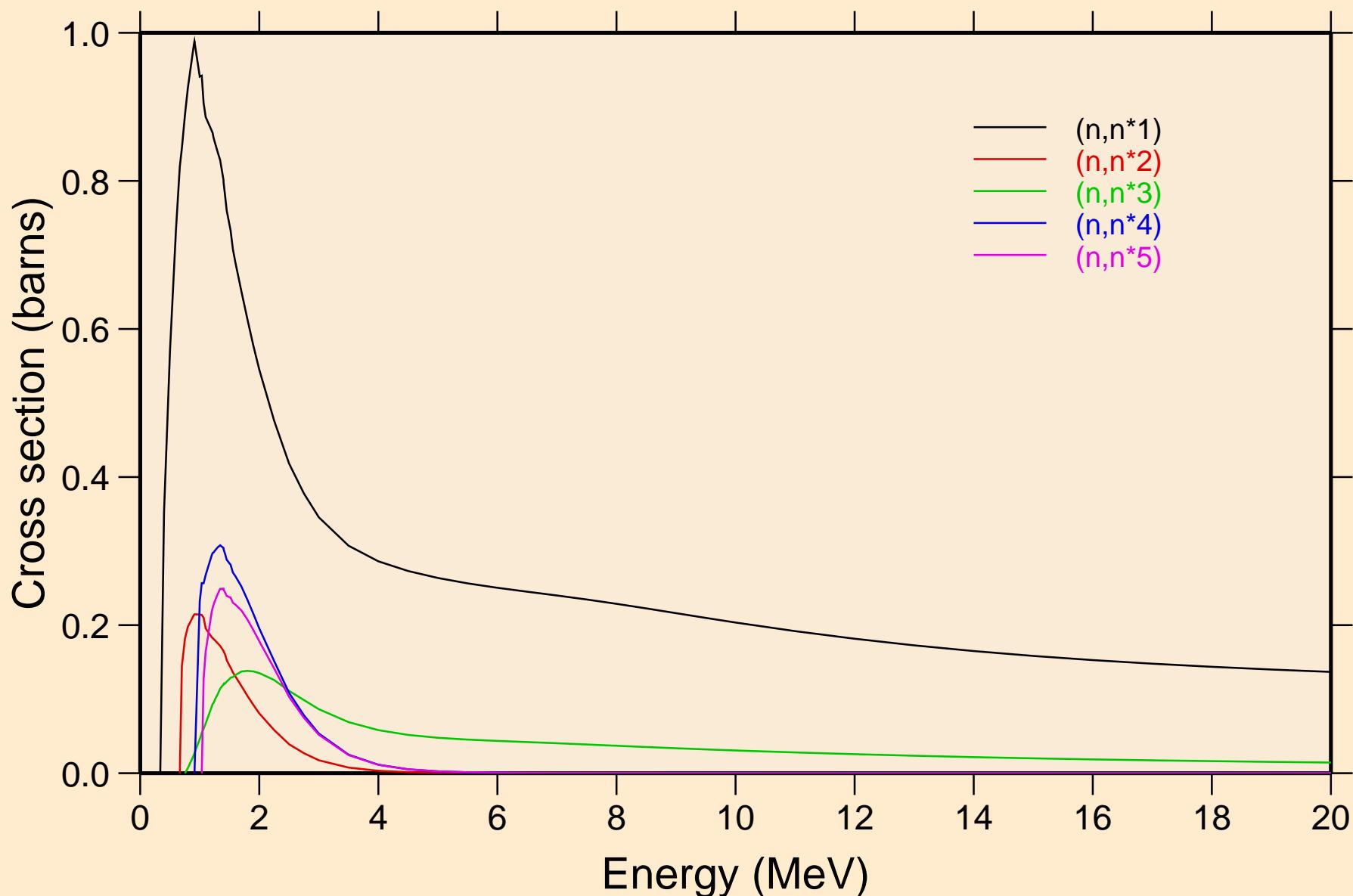
JENDL-4 DY-154  
Damage



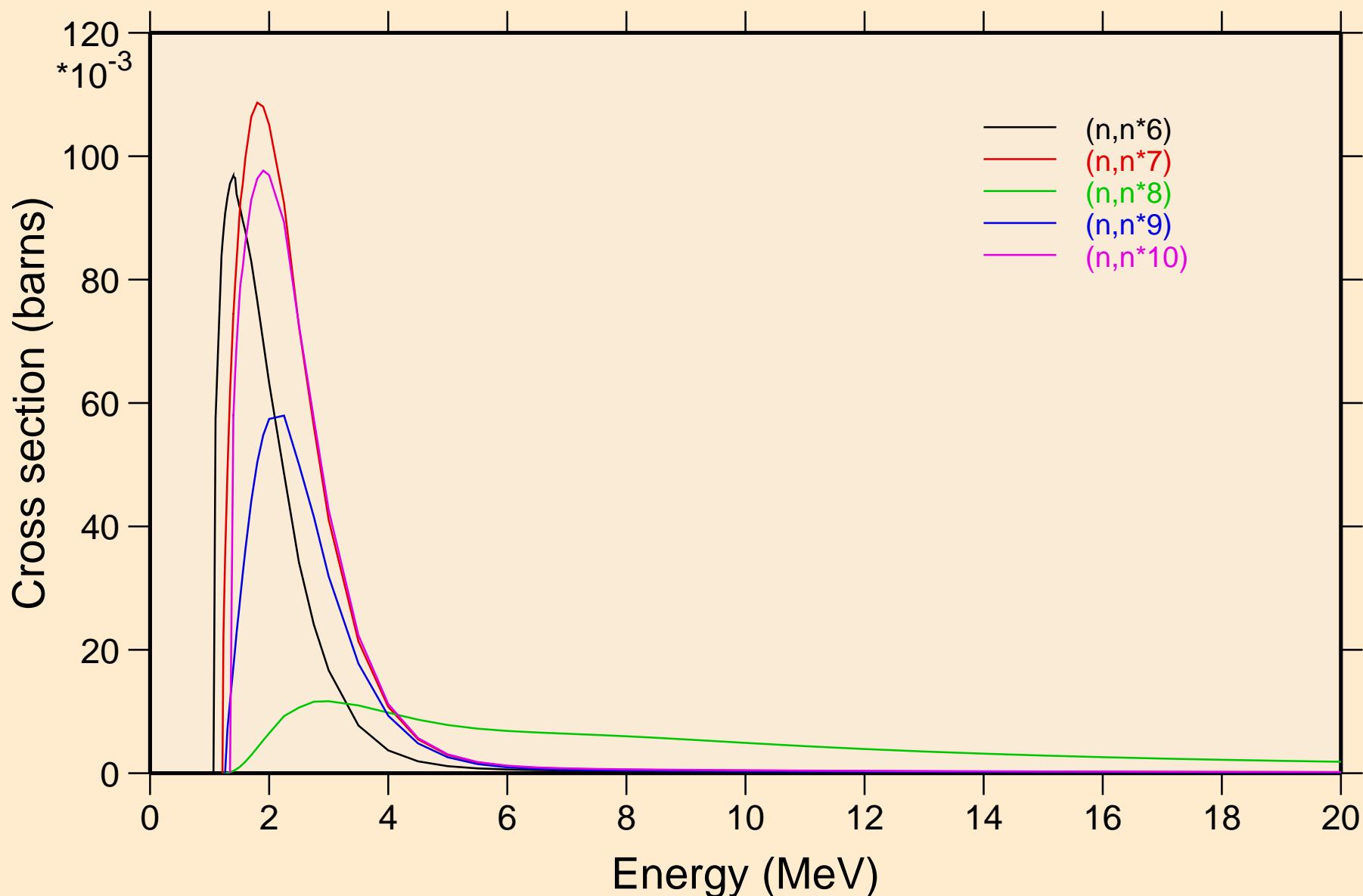
JENDL-4 DY-154  
Non-threshold reactions



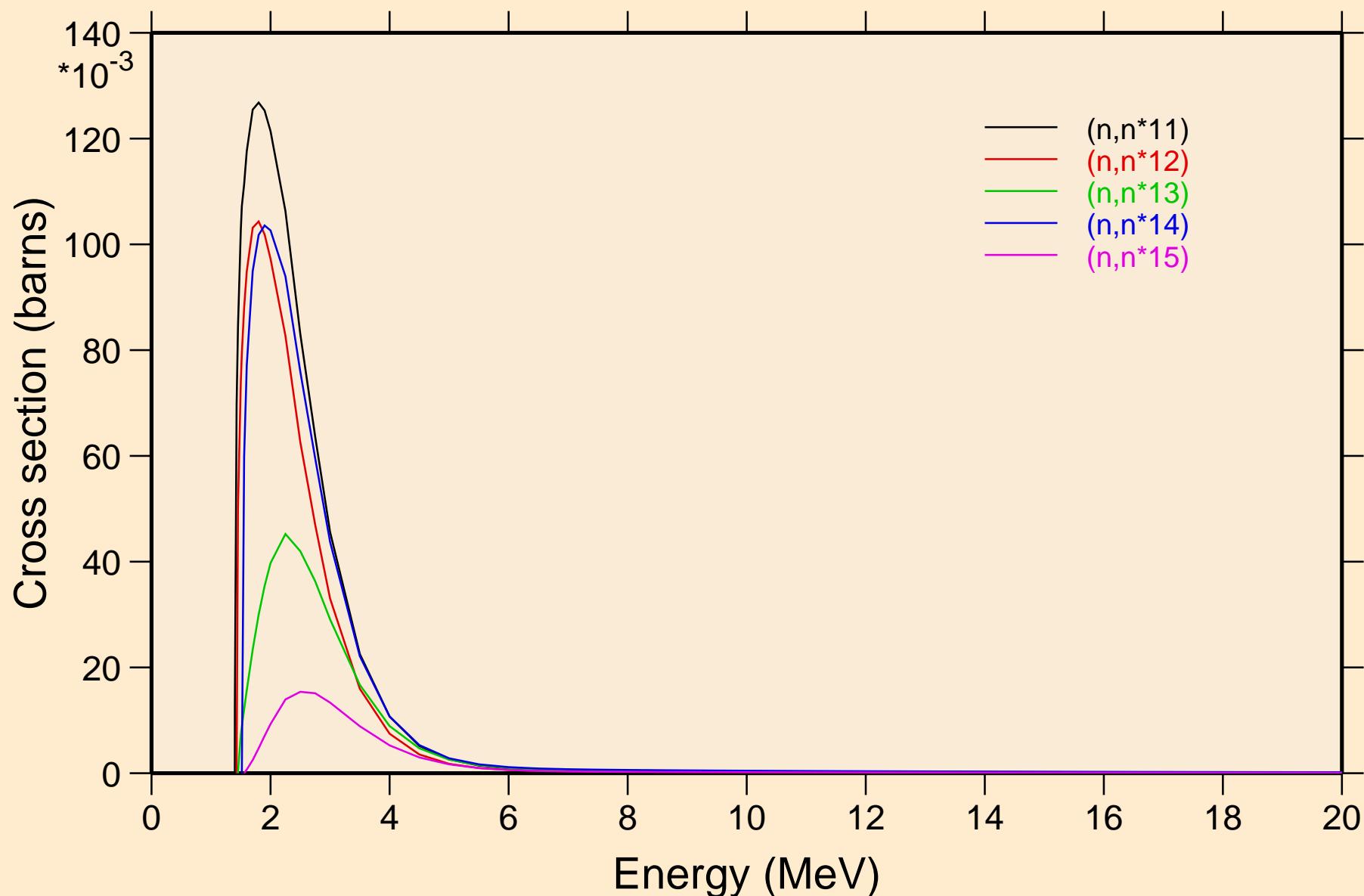
JENDL-4 DY-154  
Inelastic levels



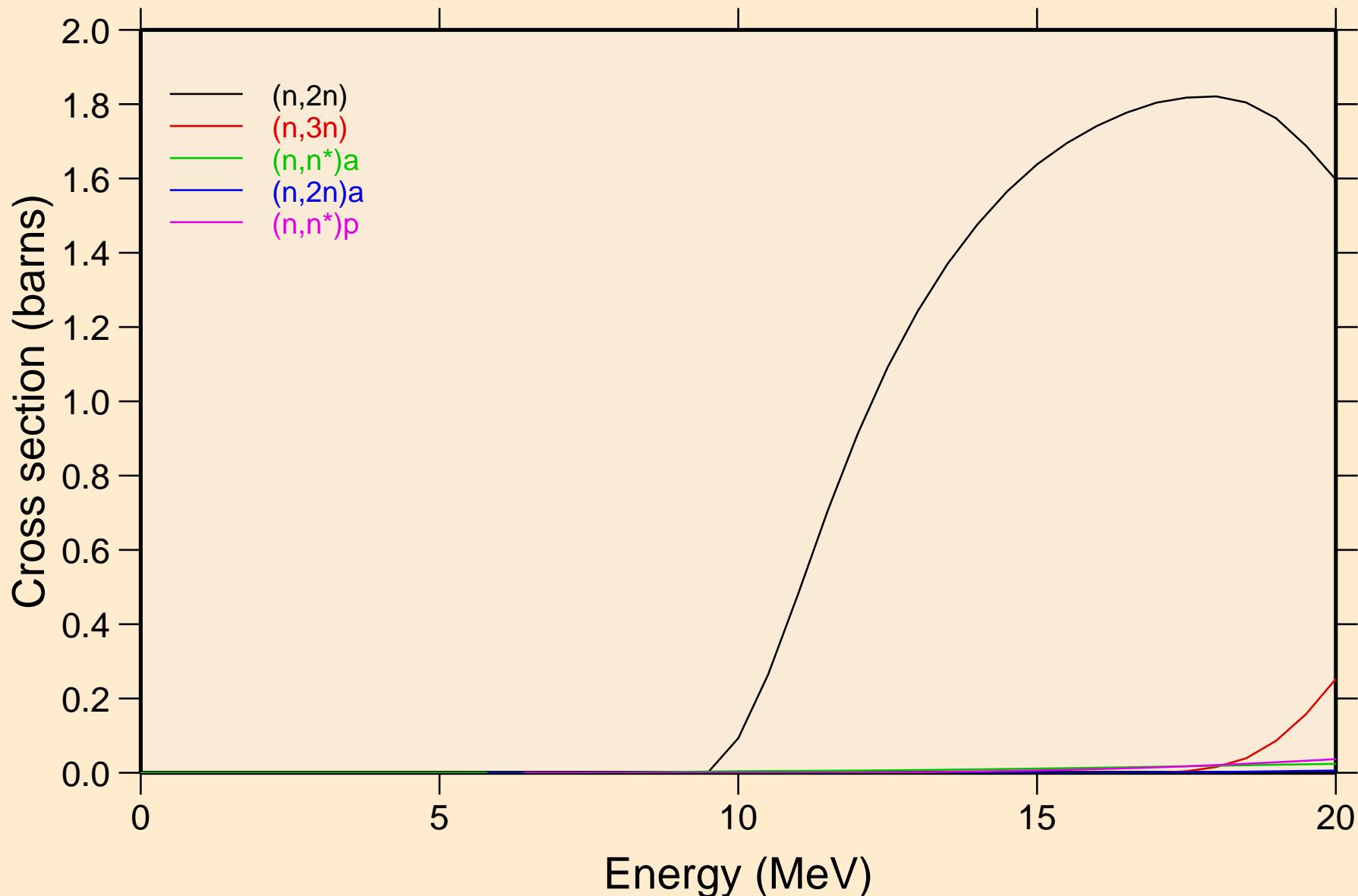
JENDL-4 DY-154  
Inelastic levels



JENDL-4 DY-154  
Inelastic levels

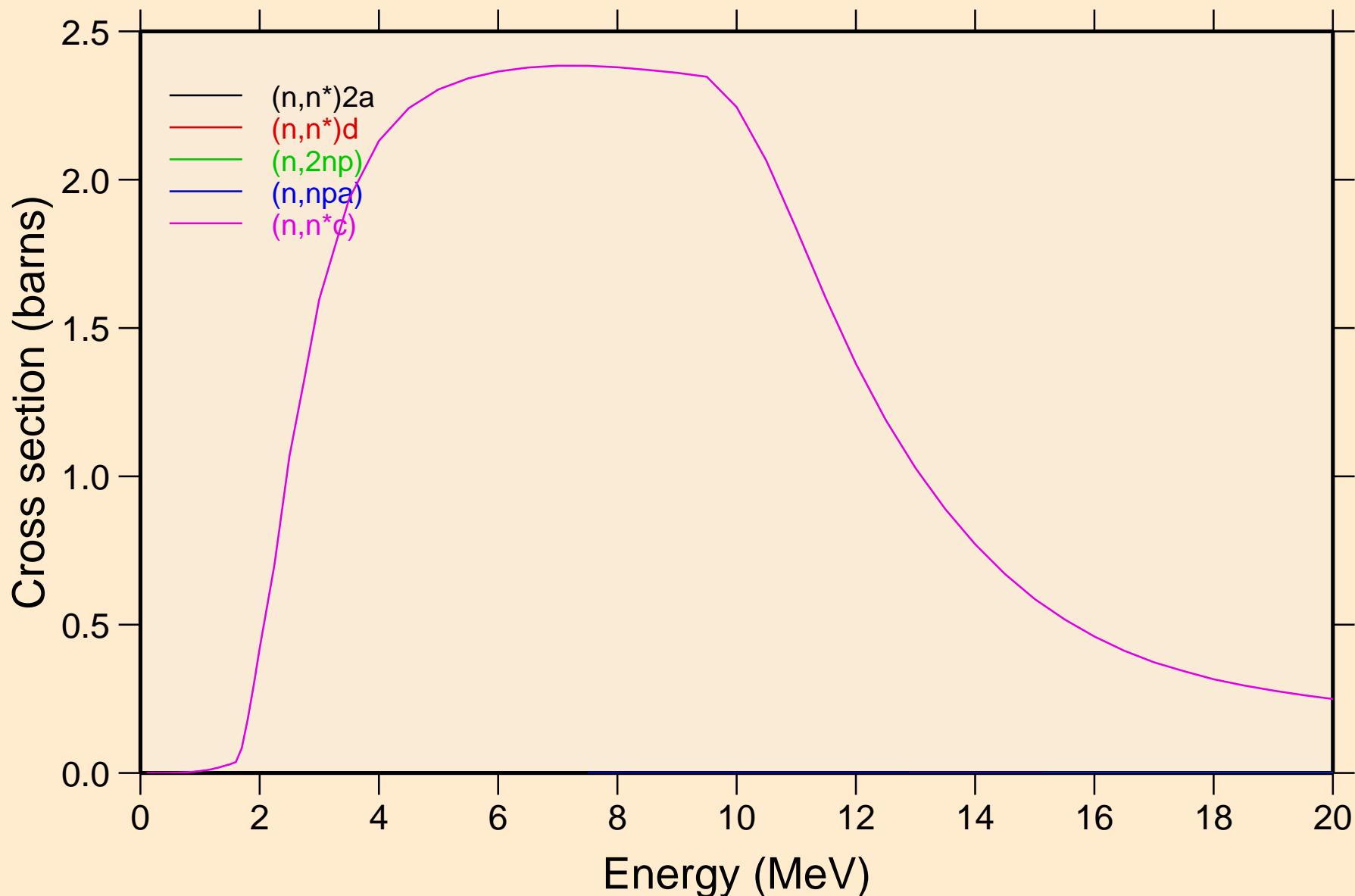


JENDL-4 DY-154  
Threshold reactions

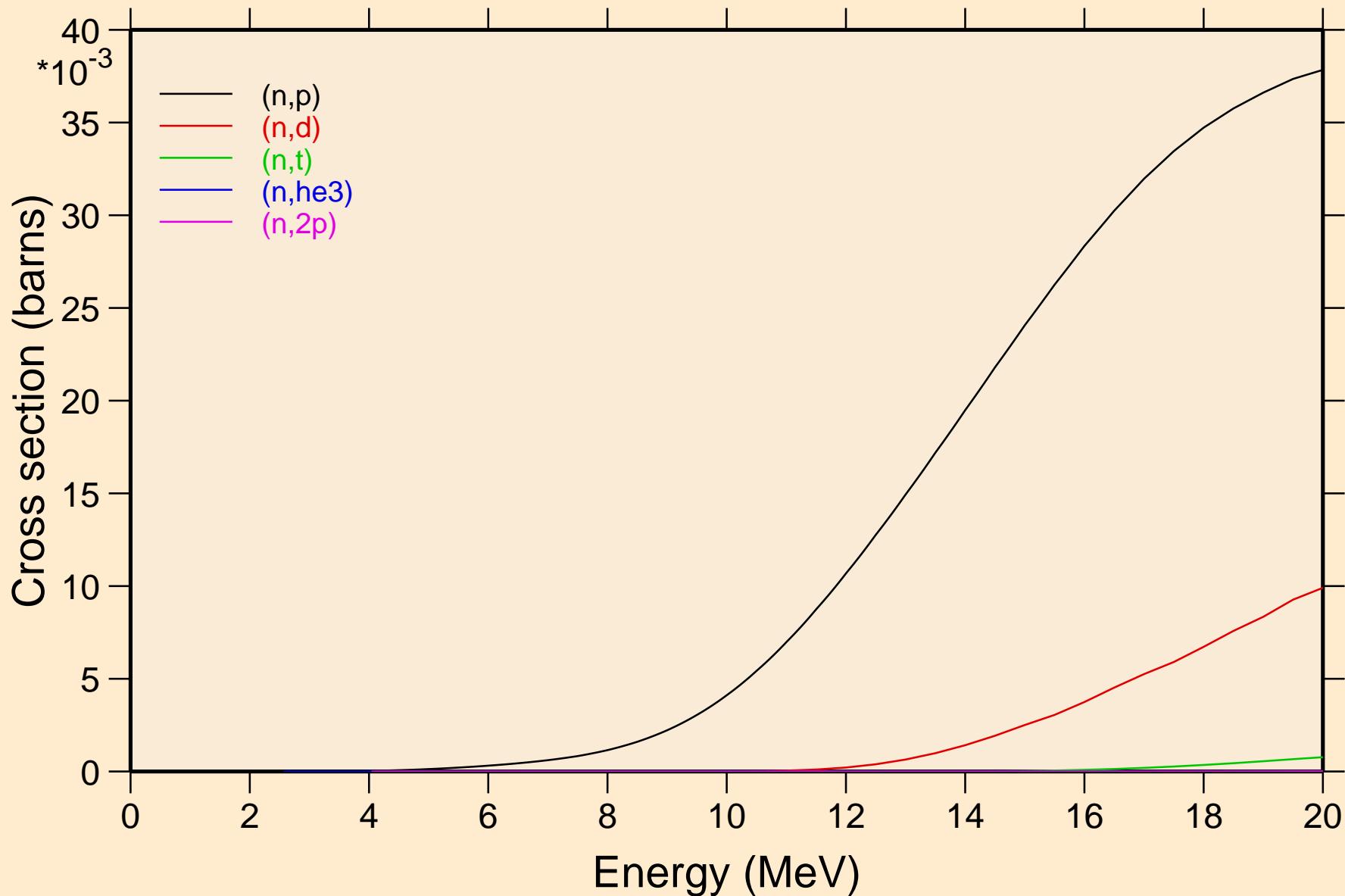


# JENDL-4 DY-154

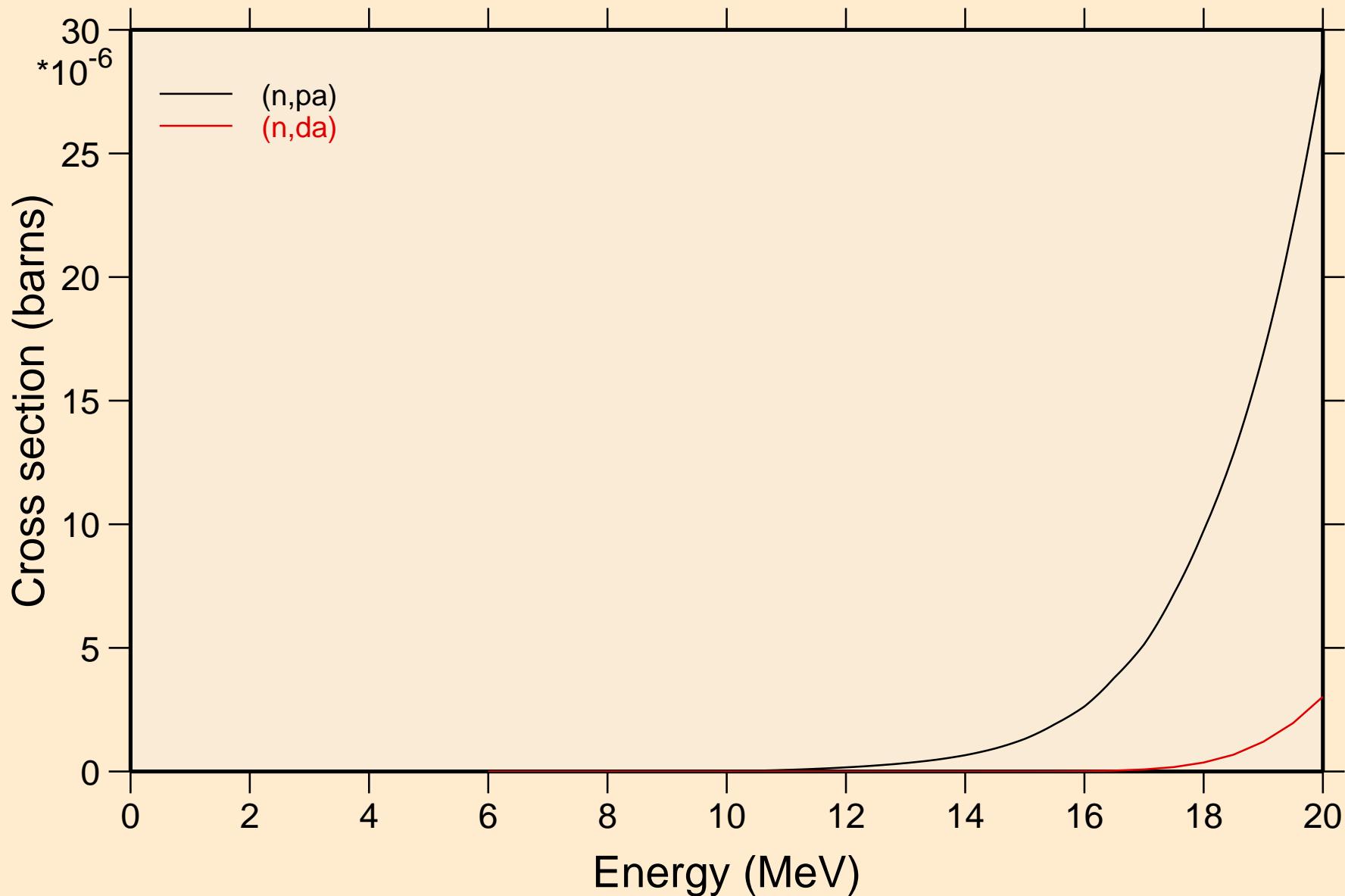
## Threshold reactions



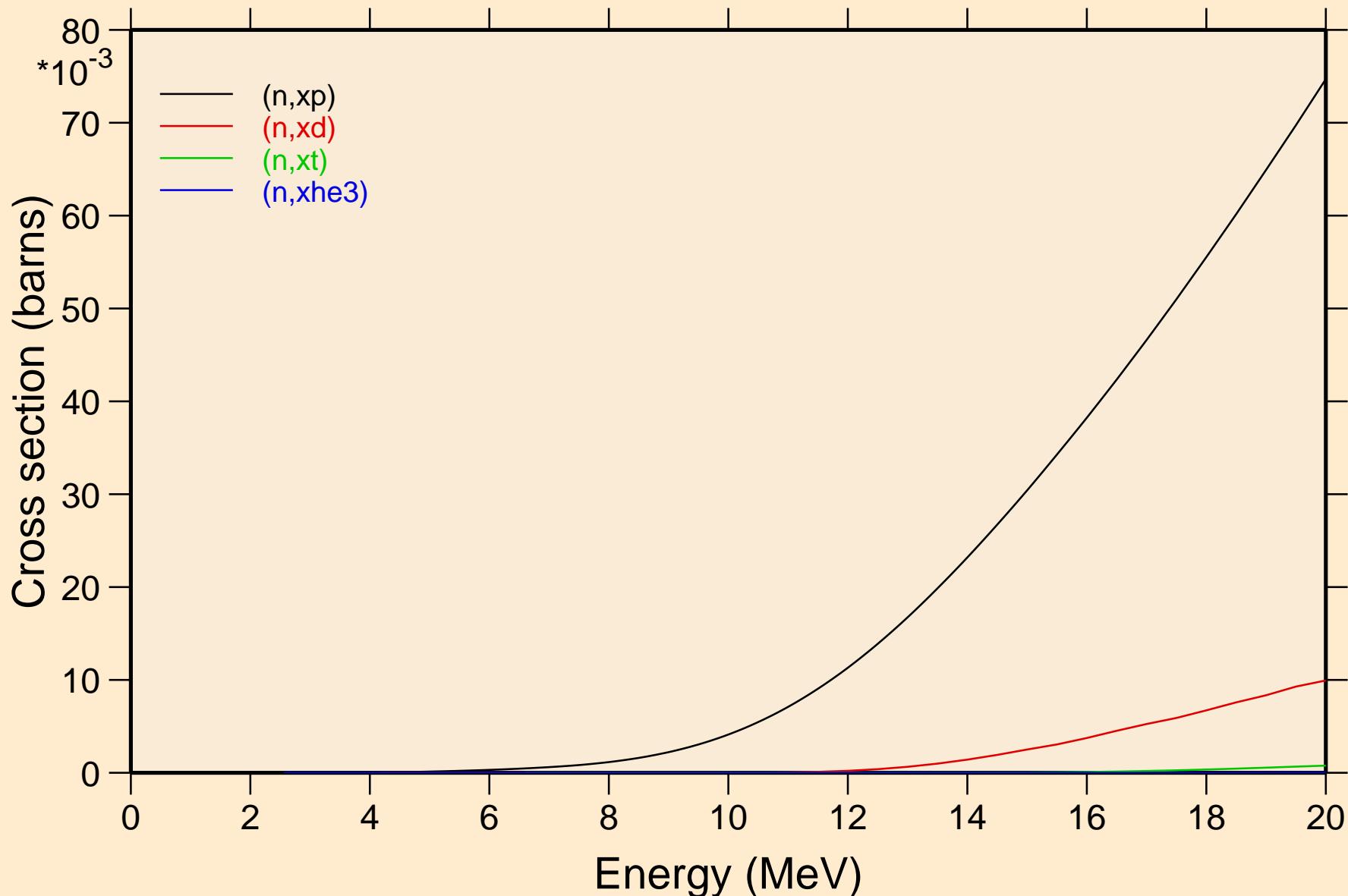
JENDL-4 DY-154  
Threshold reactions



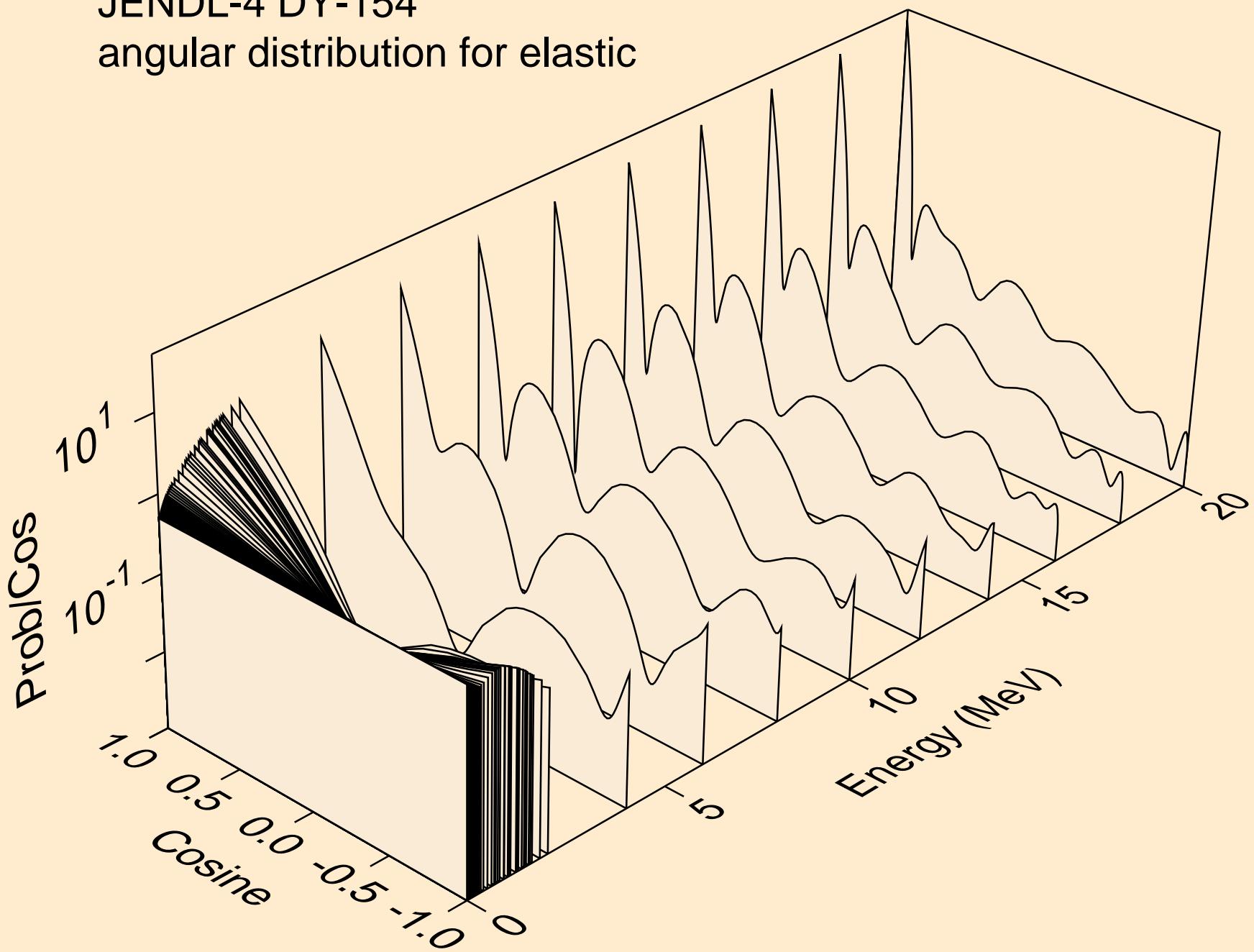
JENDL-4 DY-154  
Threshold reactions



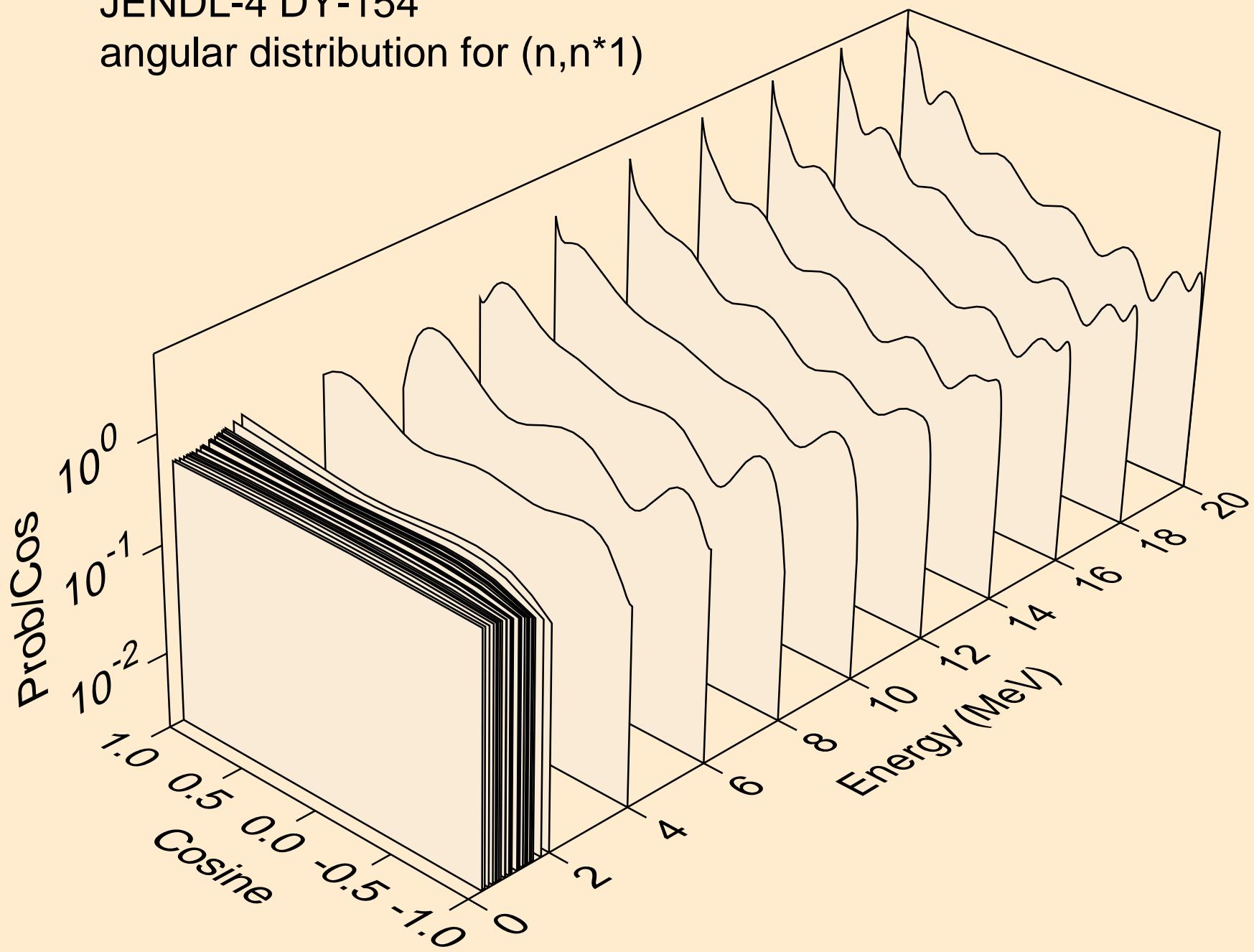
JENDL-4 DY-154  
Threshold reactions



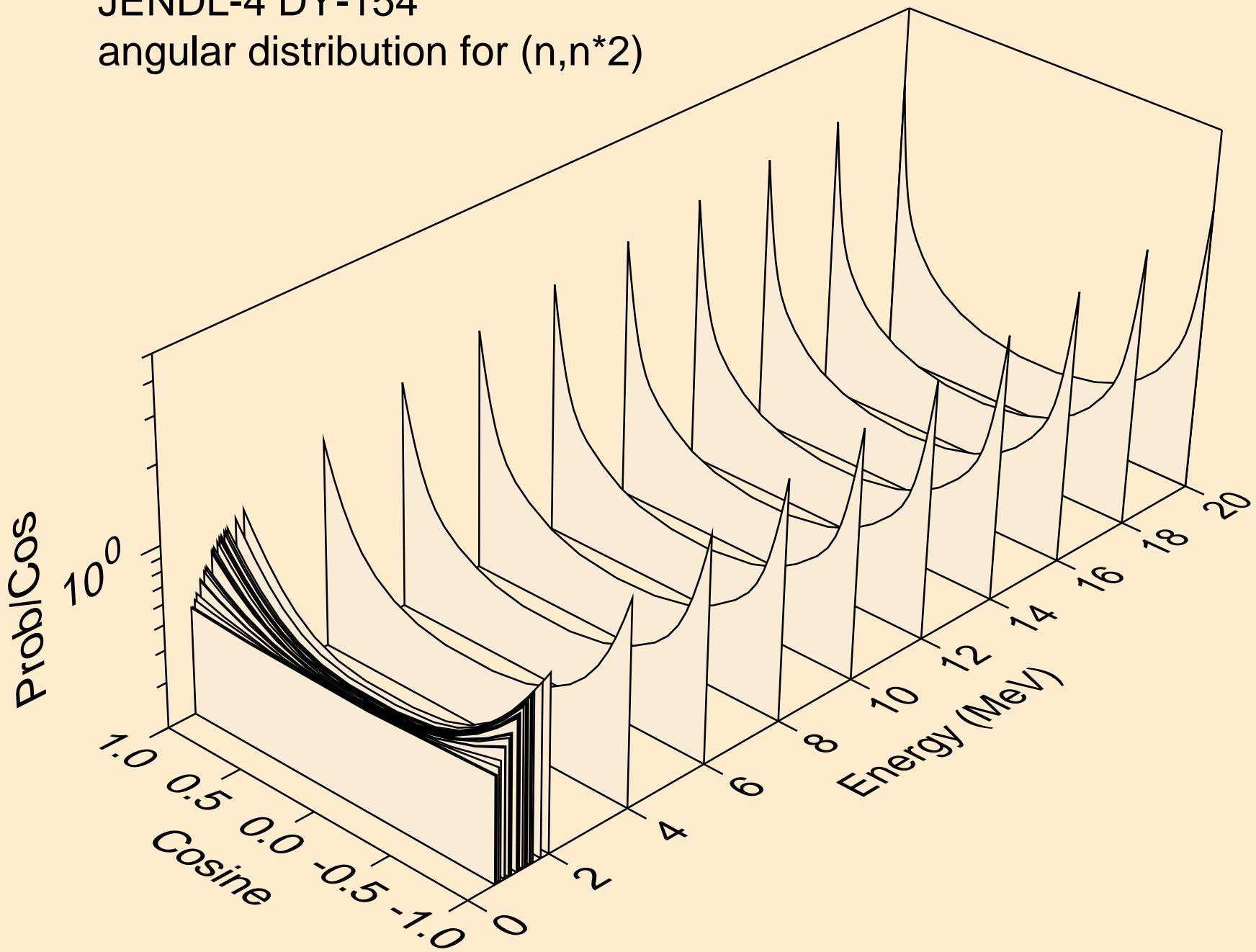
JENDL-4 DY-154  
angular distribution for elastic



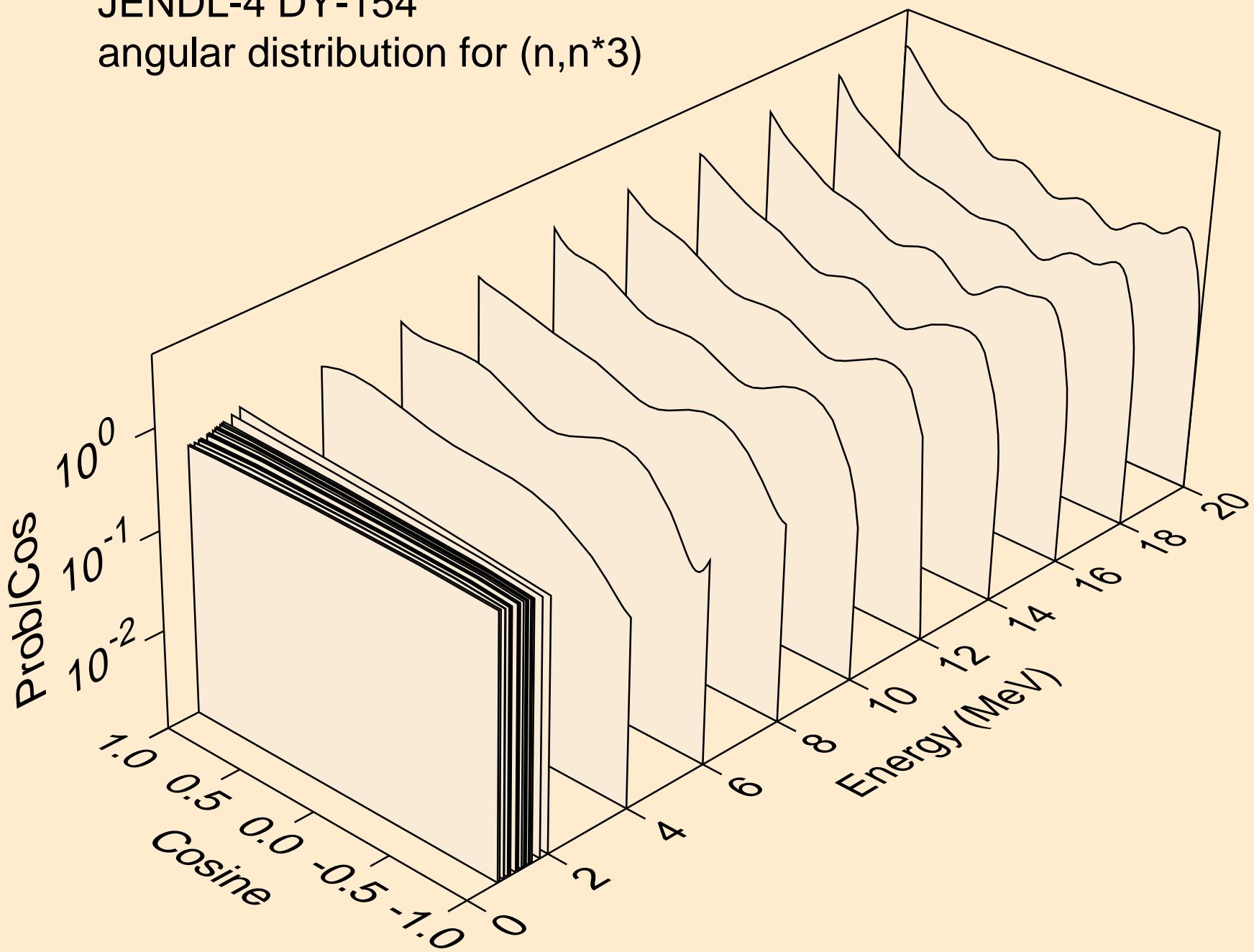
JENDL-4 DY-154  
angular distribution for  $(n,n^*)$



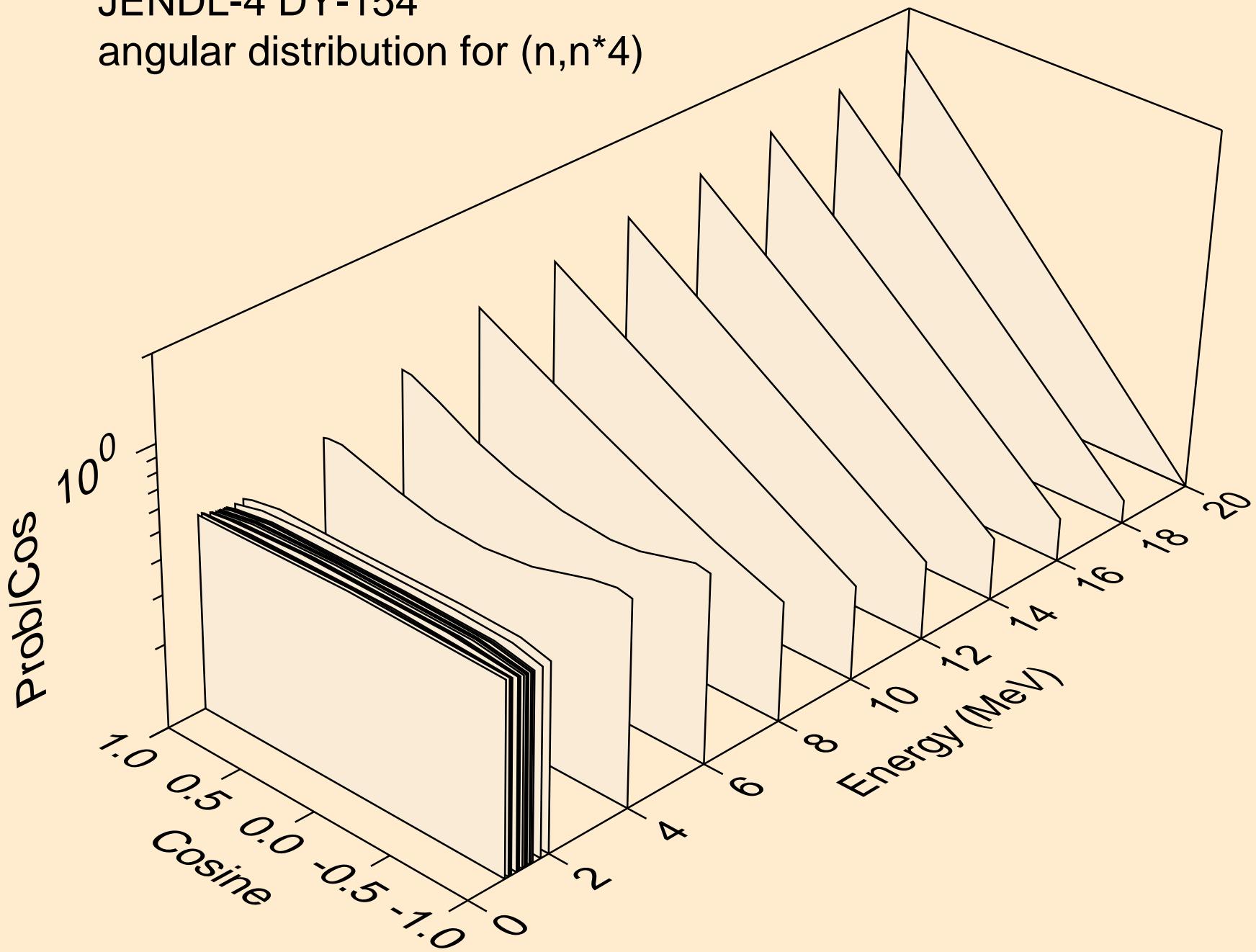
JENDL-4 DY-154  
angular distribution for  $(n,n^*)^2$



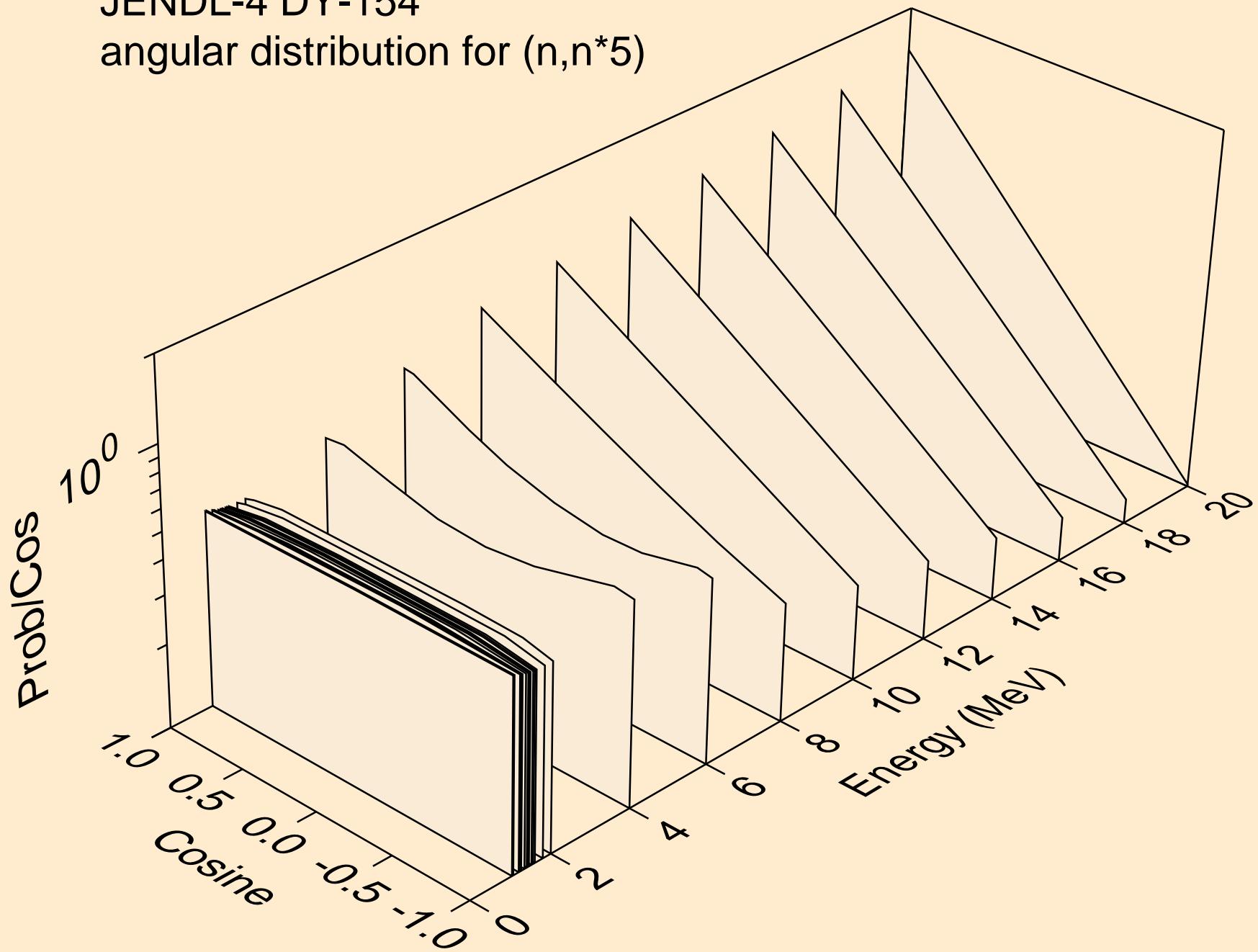
JENDL-4 DY-154  
angular distribution for  $(n,n^*3)$



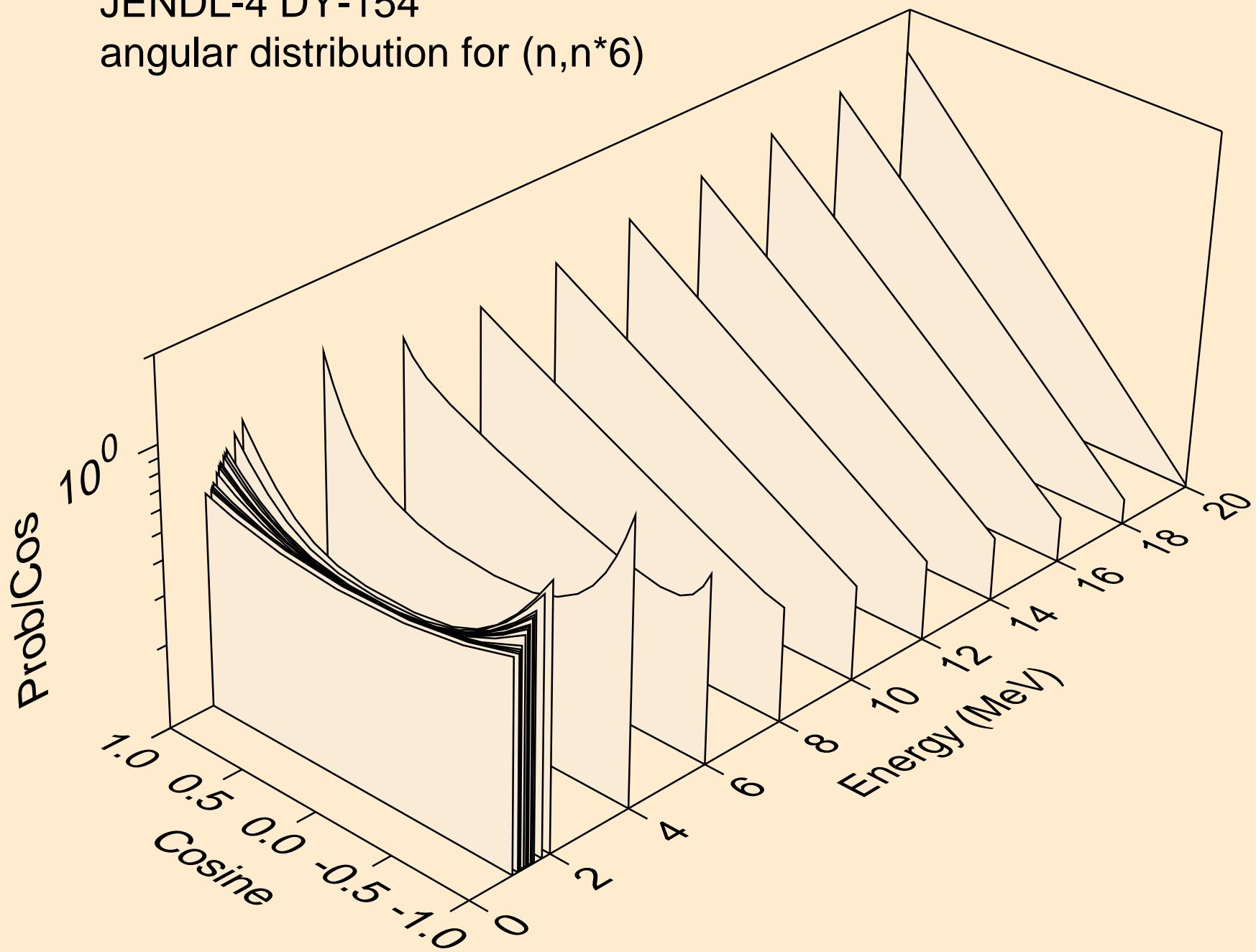
JENDL-4 DY-154  
angular distribution for  $(n,n^*4)$



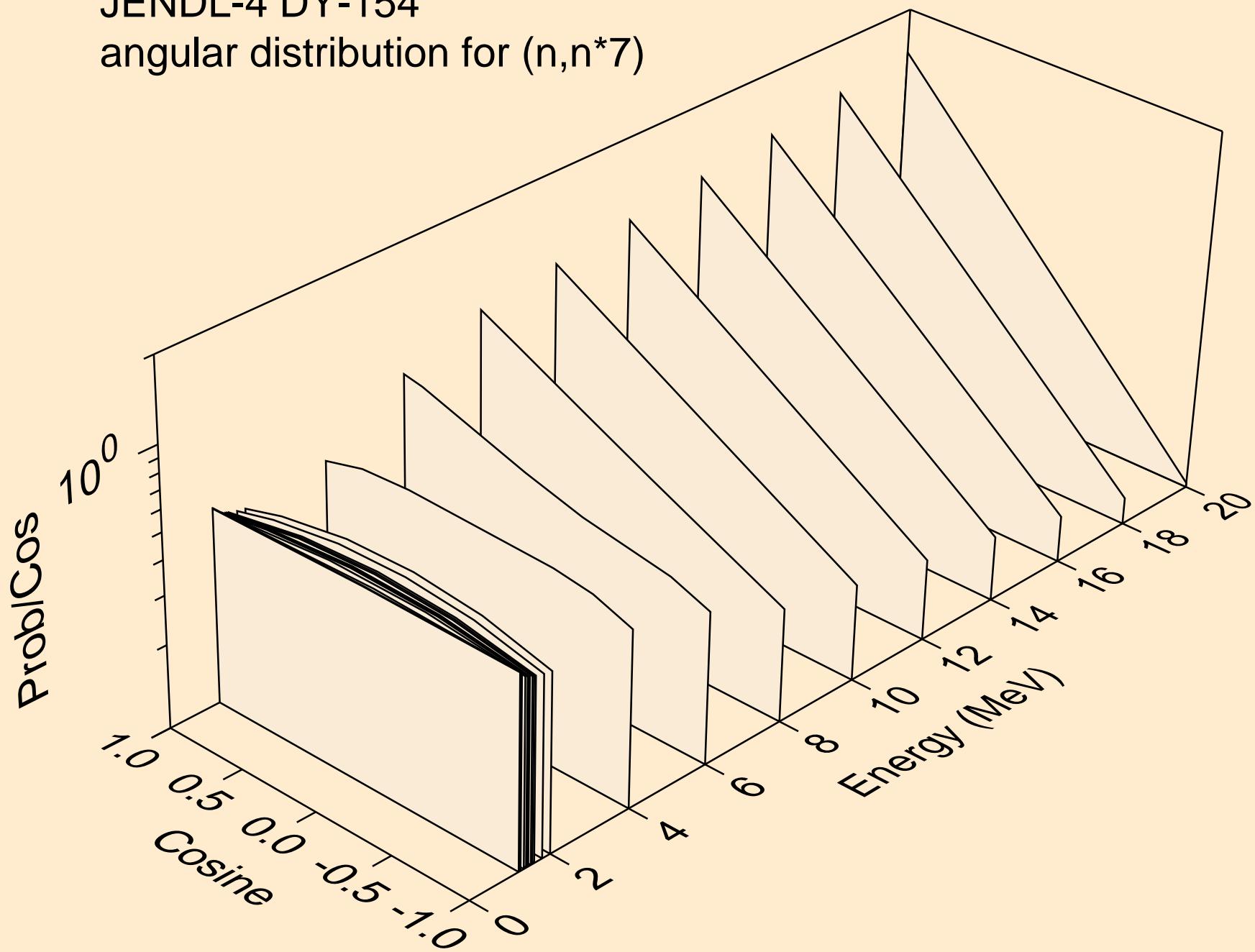
JENDL-4 DY-154  
angular distribution for  $(n,n^*)^5$



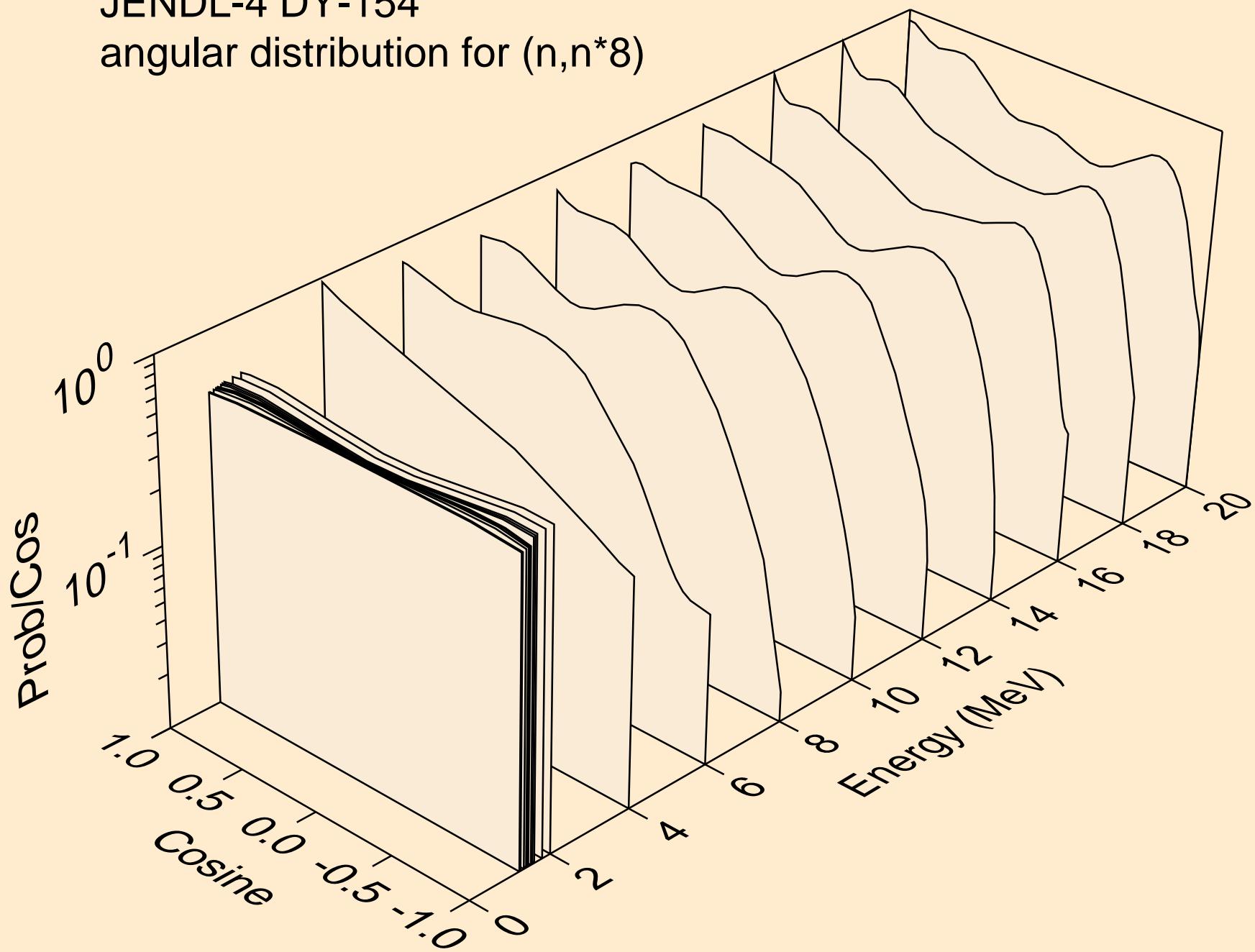
JENDL-4 DY-154  
angular distribution for  $(n,n^*6)$



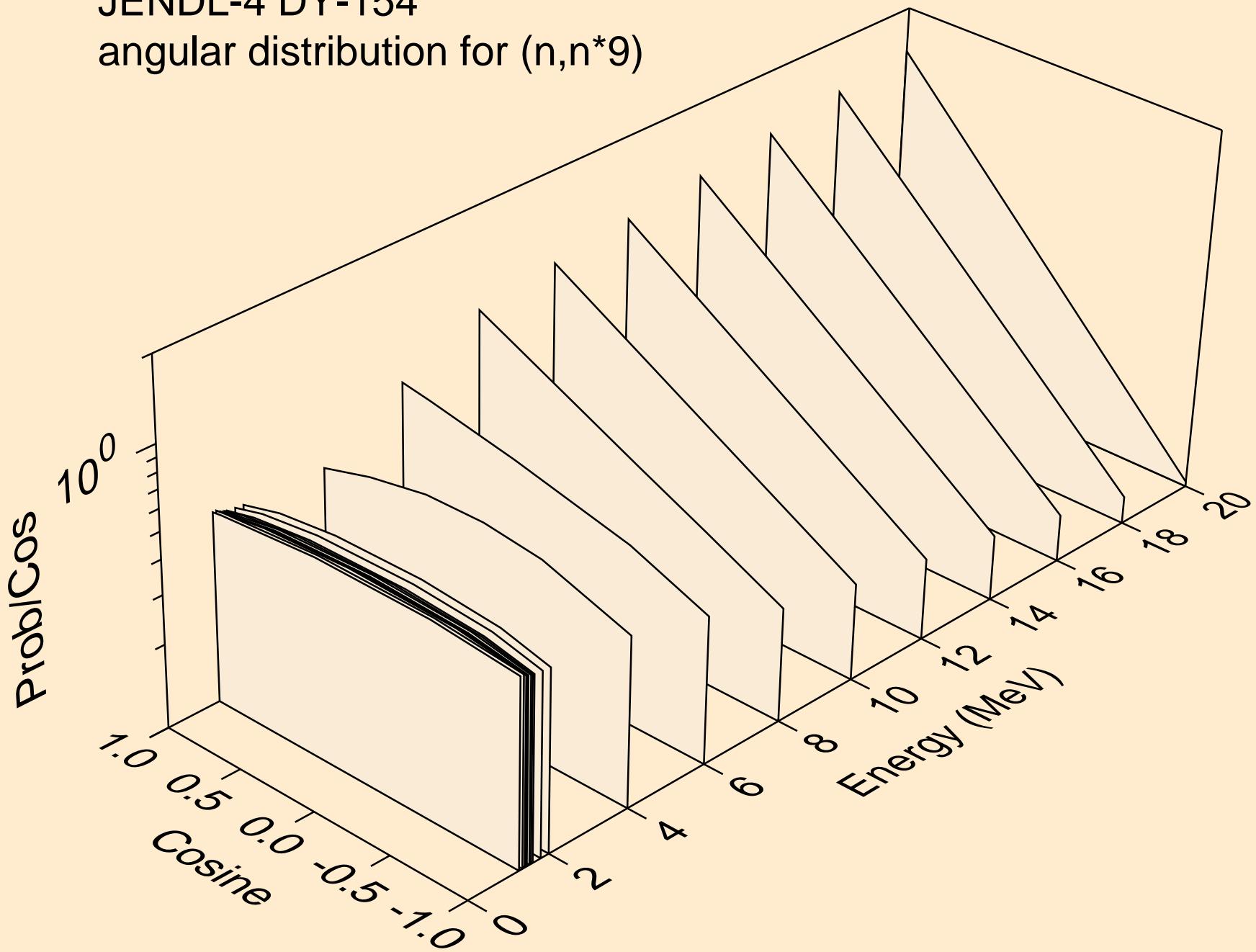
JENDL-4 DY-154  
angular distribution for  $(n,n^*7)$



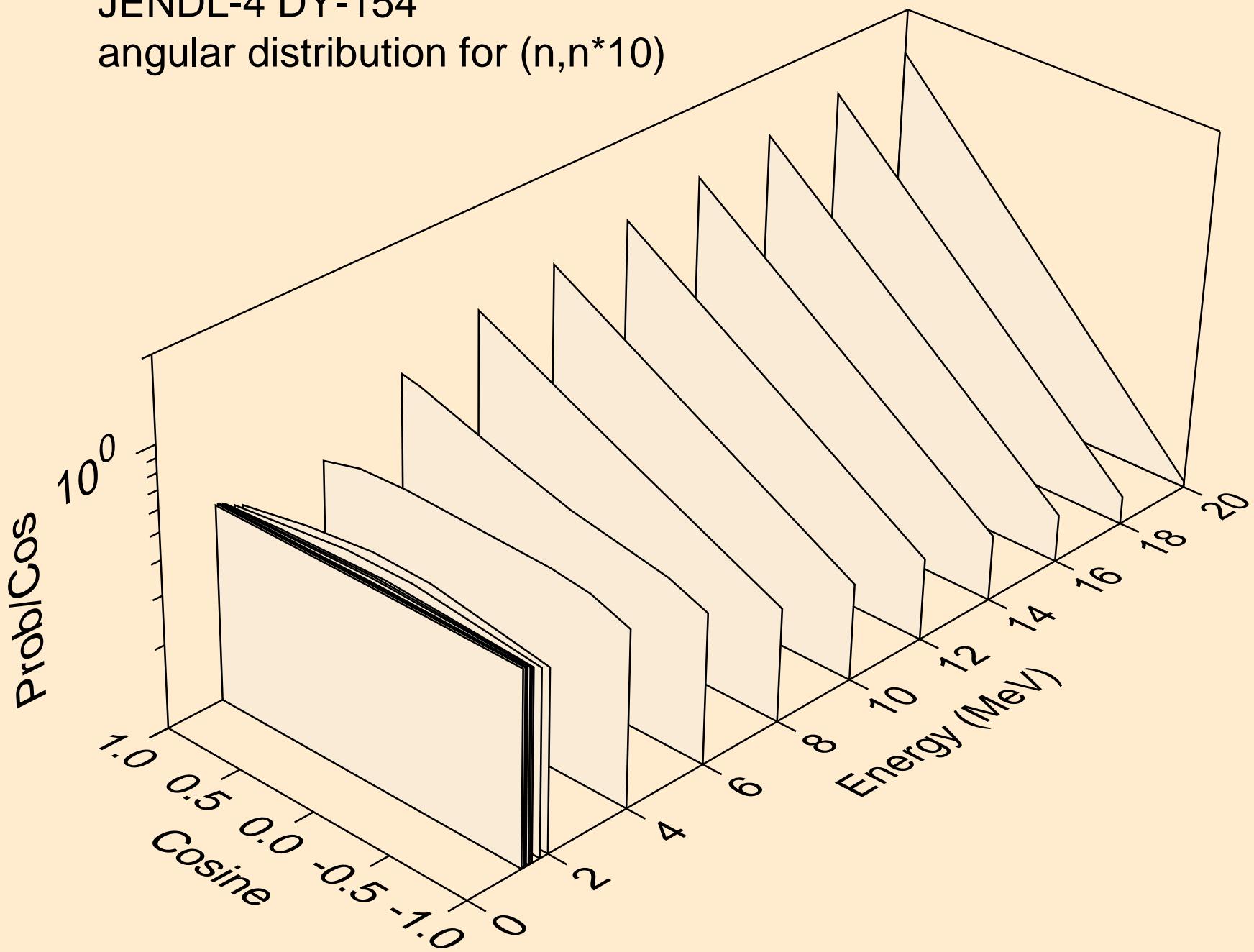
JENDL-4 DY-154  
angular distribution for  $(n,n^*8)$



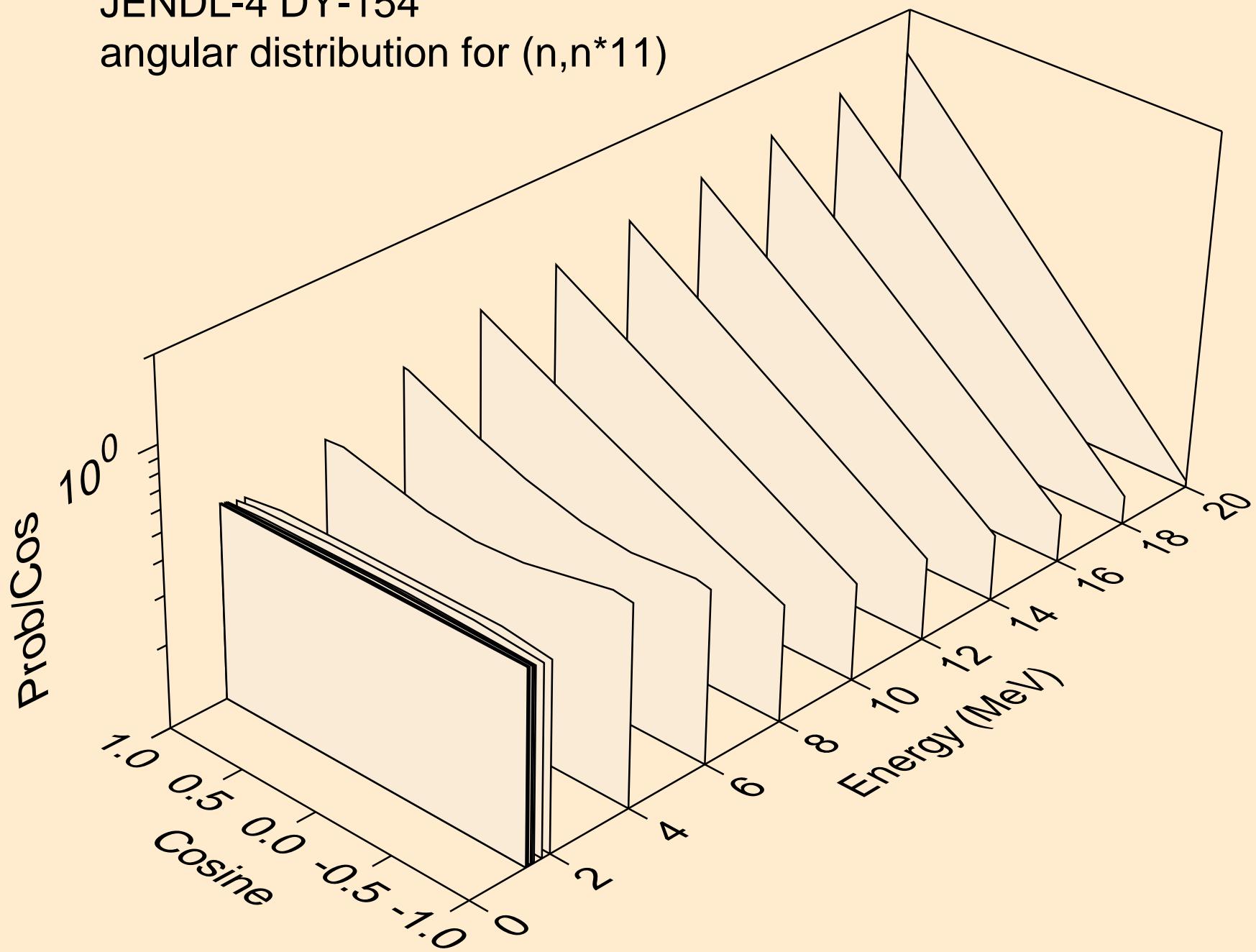
JENDL-4 DY-154  
angular distribution for  $(n,n^*9)$



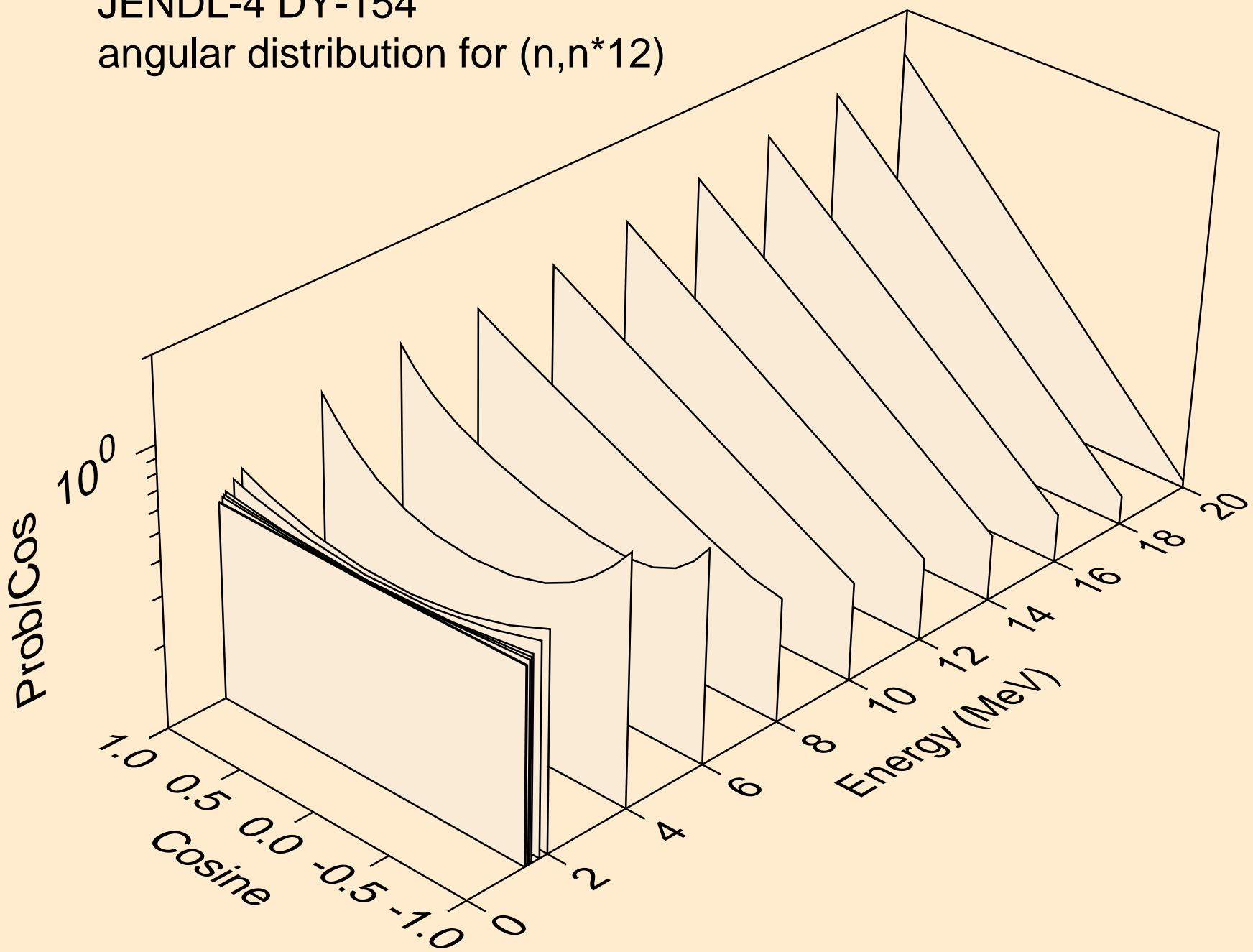
JENDL-4 DY-154  
angular distribution for (n,n\*10)



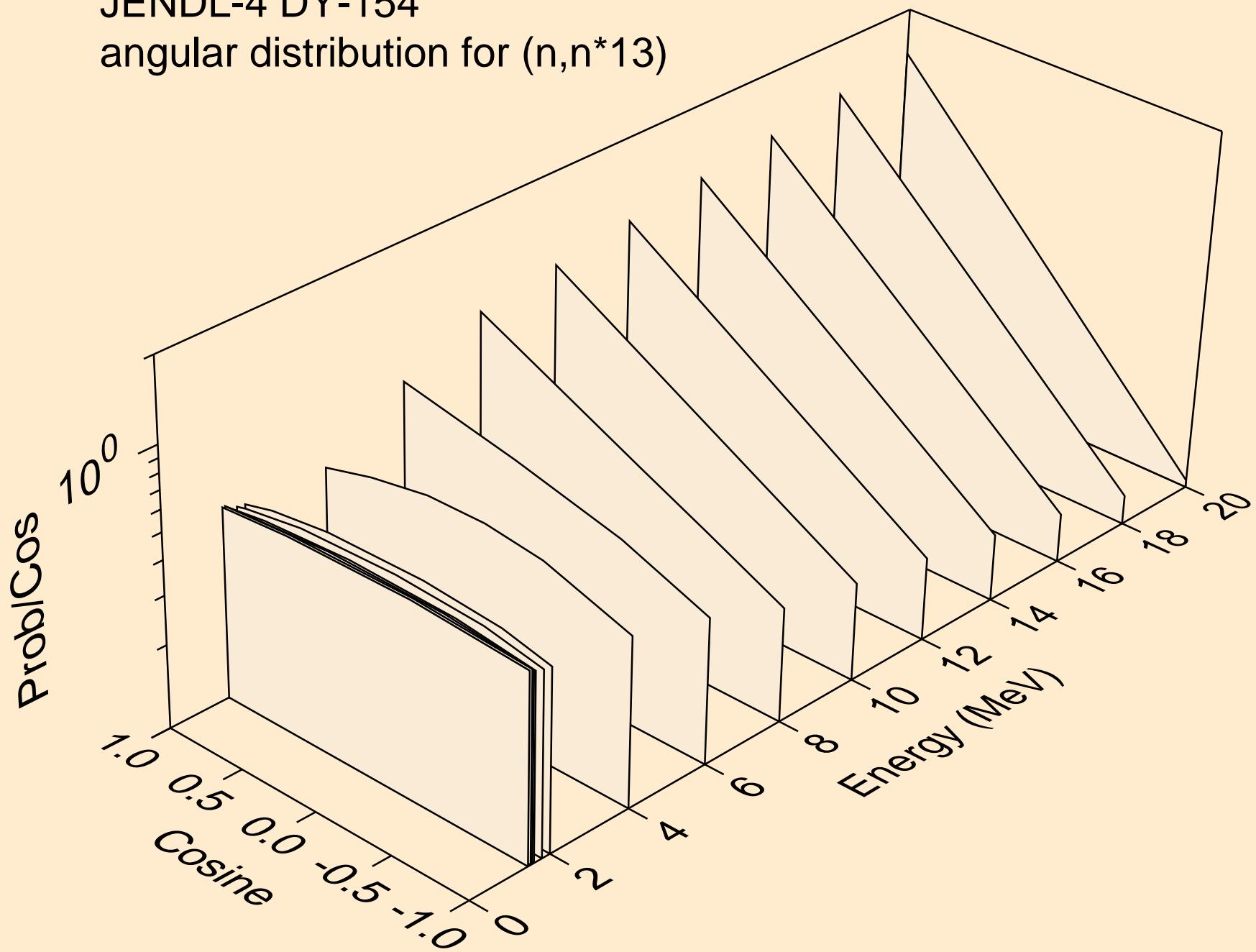
JENDL-4 DY-154  
angular distribution for (n,n\*11)



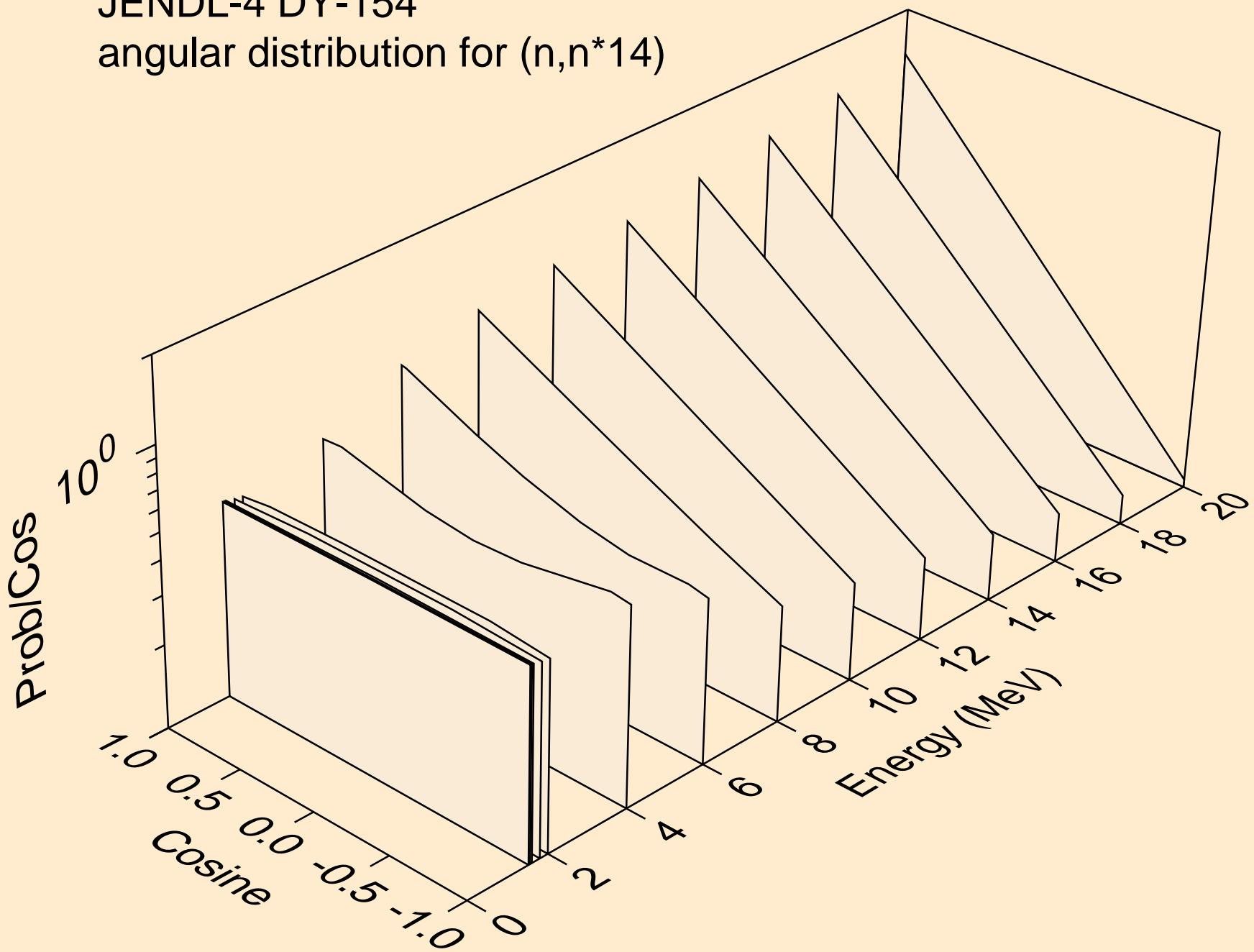
JENDL-4 DY-154  
angular distribution for  $(n,n^*12)$



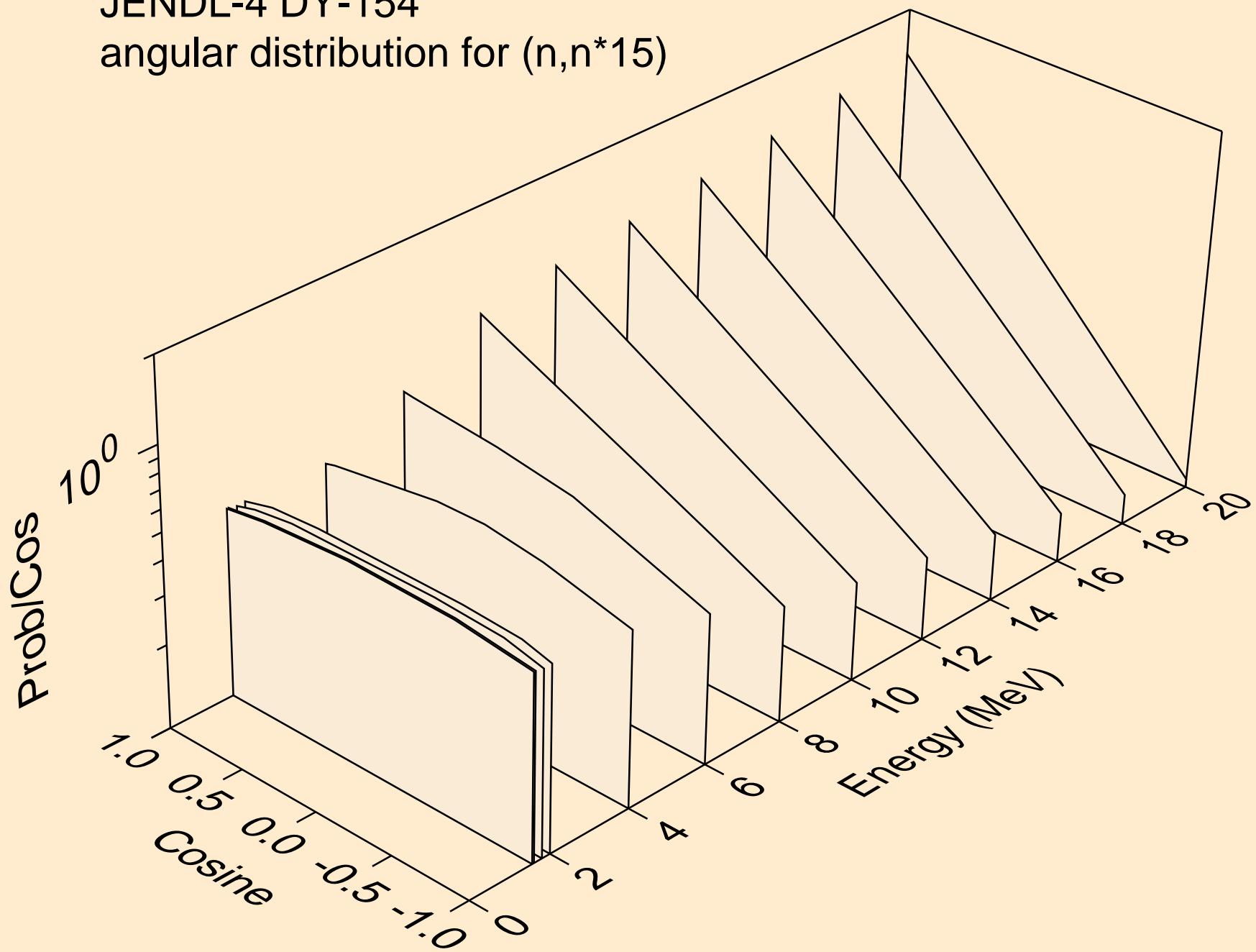
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angular distribution for  $(n,n^*13)$



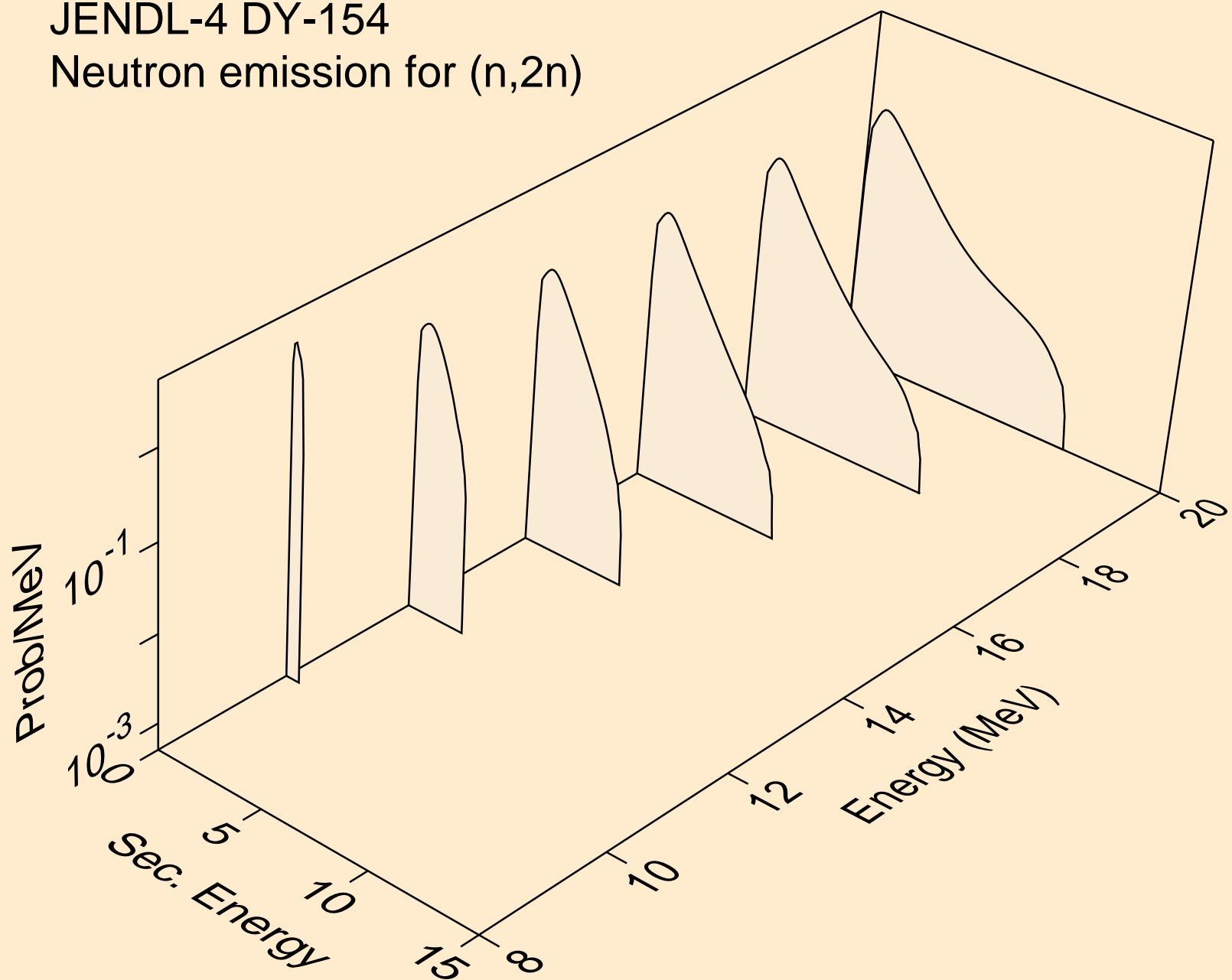
JENDL-4 DY-154  
angular distribution for  $(n,n^*14)$



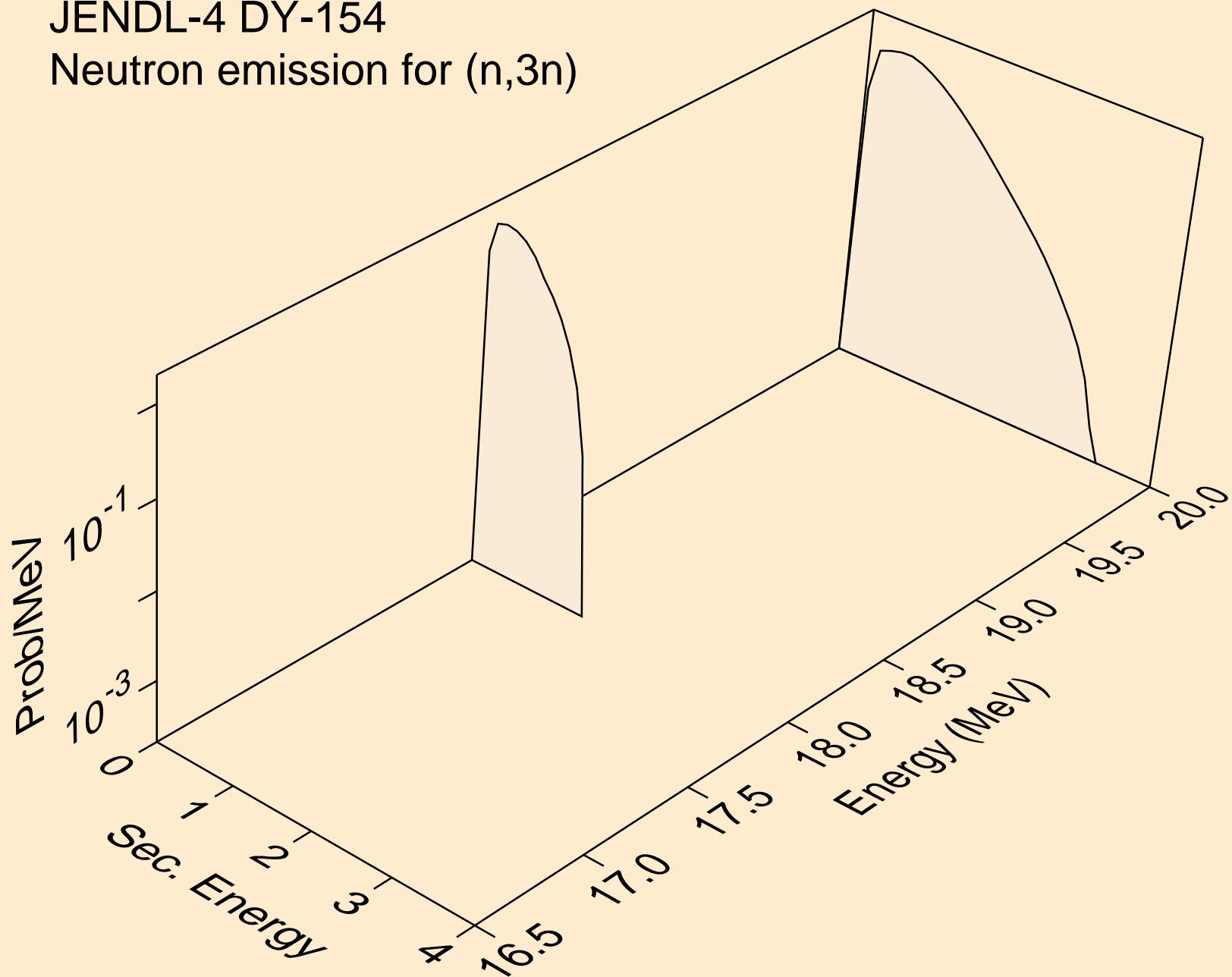
JENDL-4 DY-154  
angular distribution for  $(n,n^*15)$



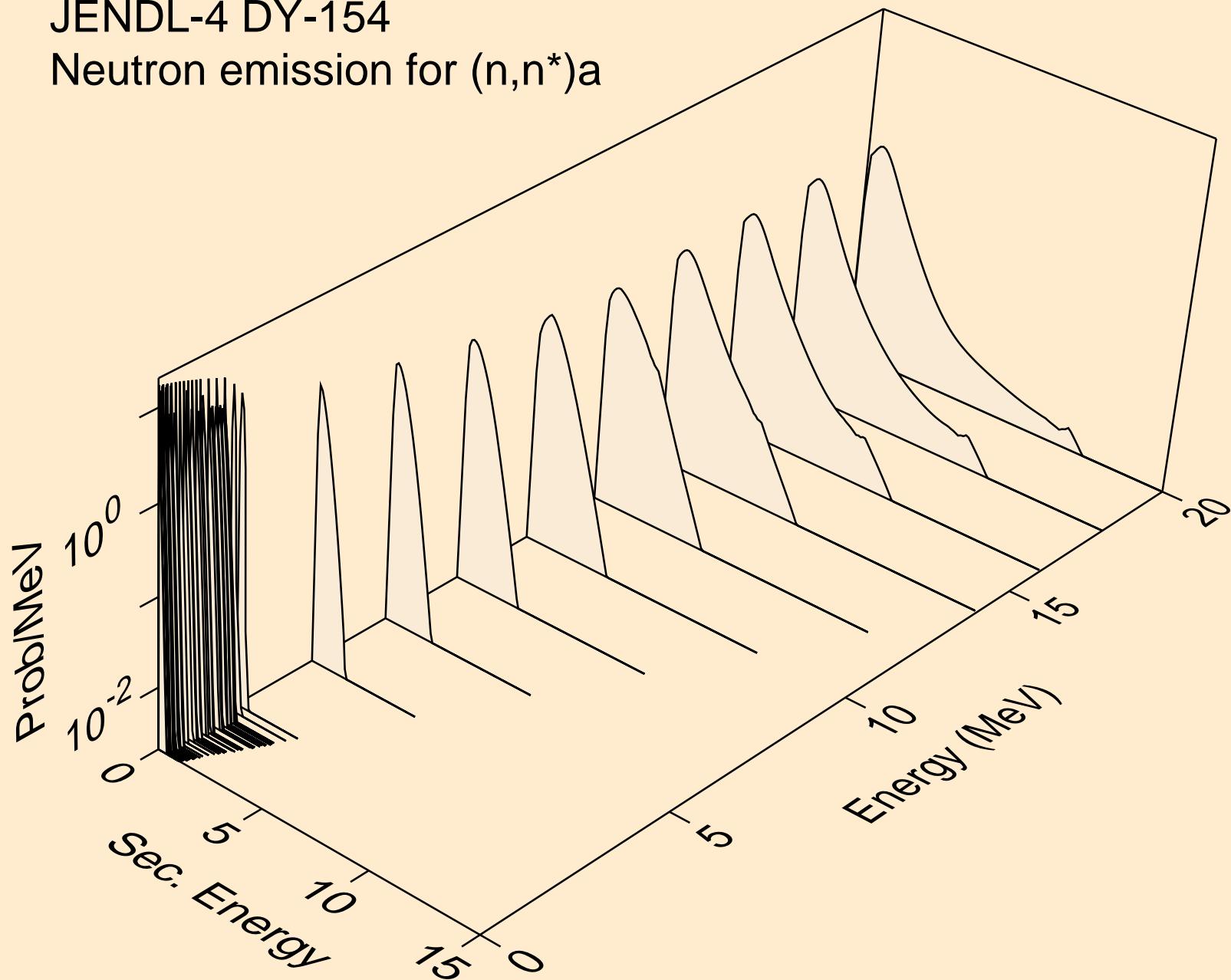
JENDL-4 DY-154  
Neutron emission for  $(n,2n)$



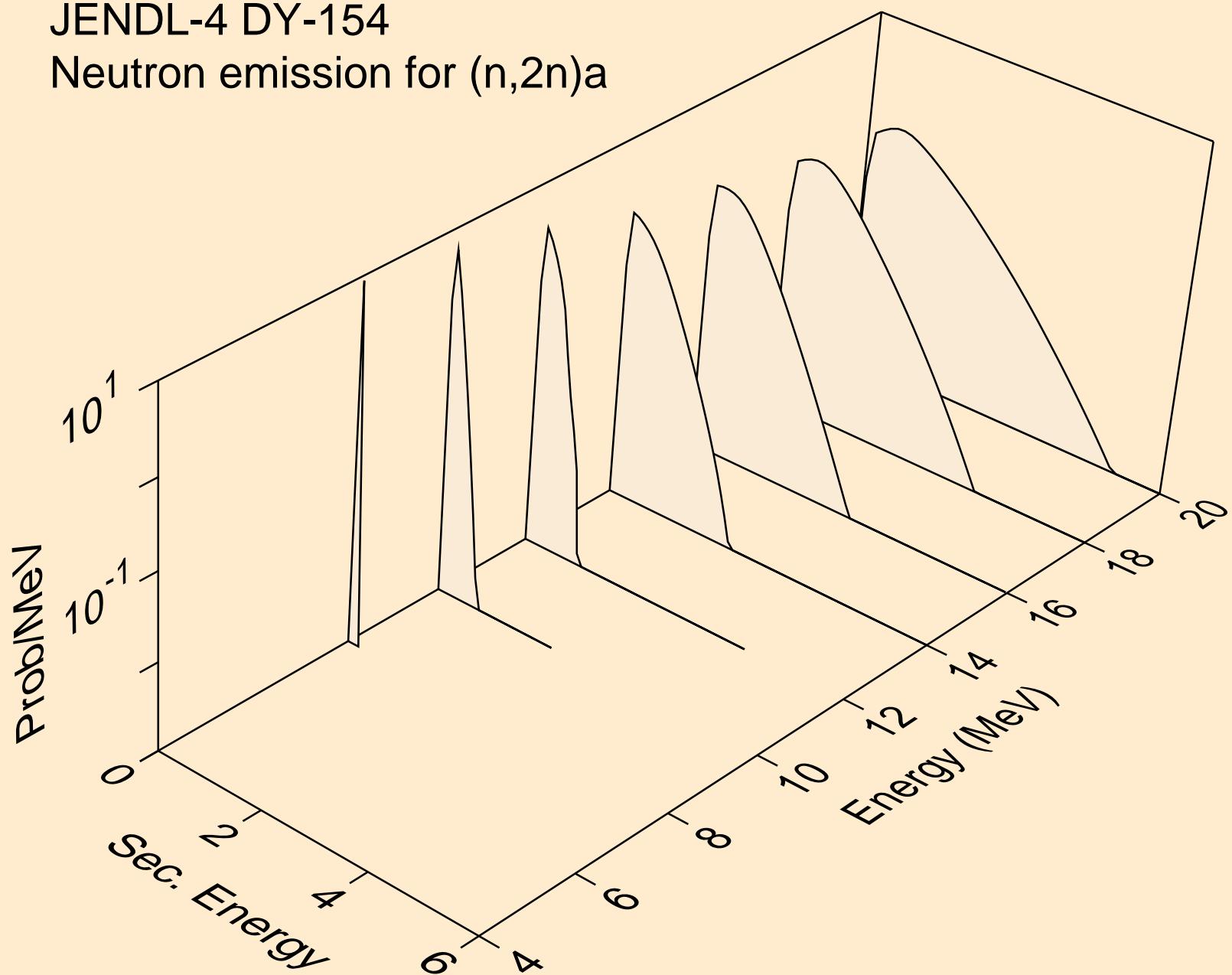
JENDL-4 DY-154  
Neutron emission for (n,3n)



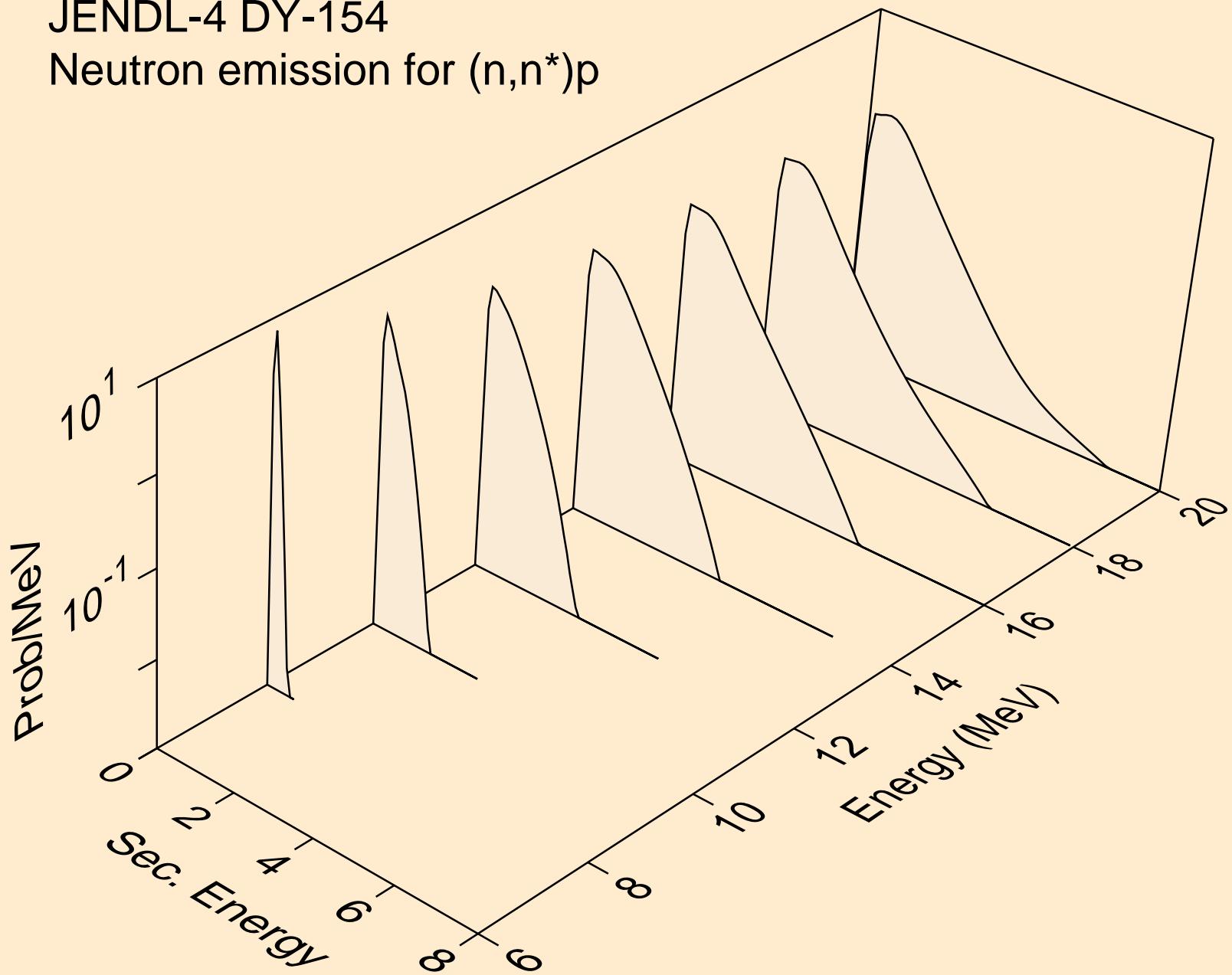
JENDL-4 DY-154  
Neutron emission for  $(n,n^*)a$



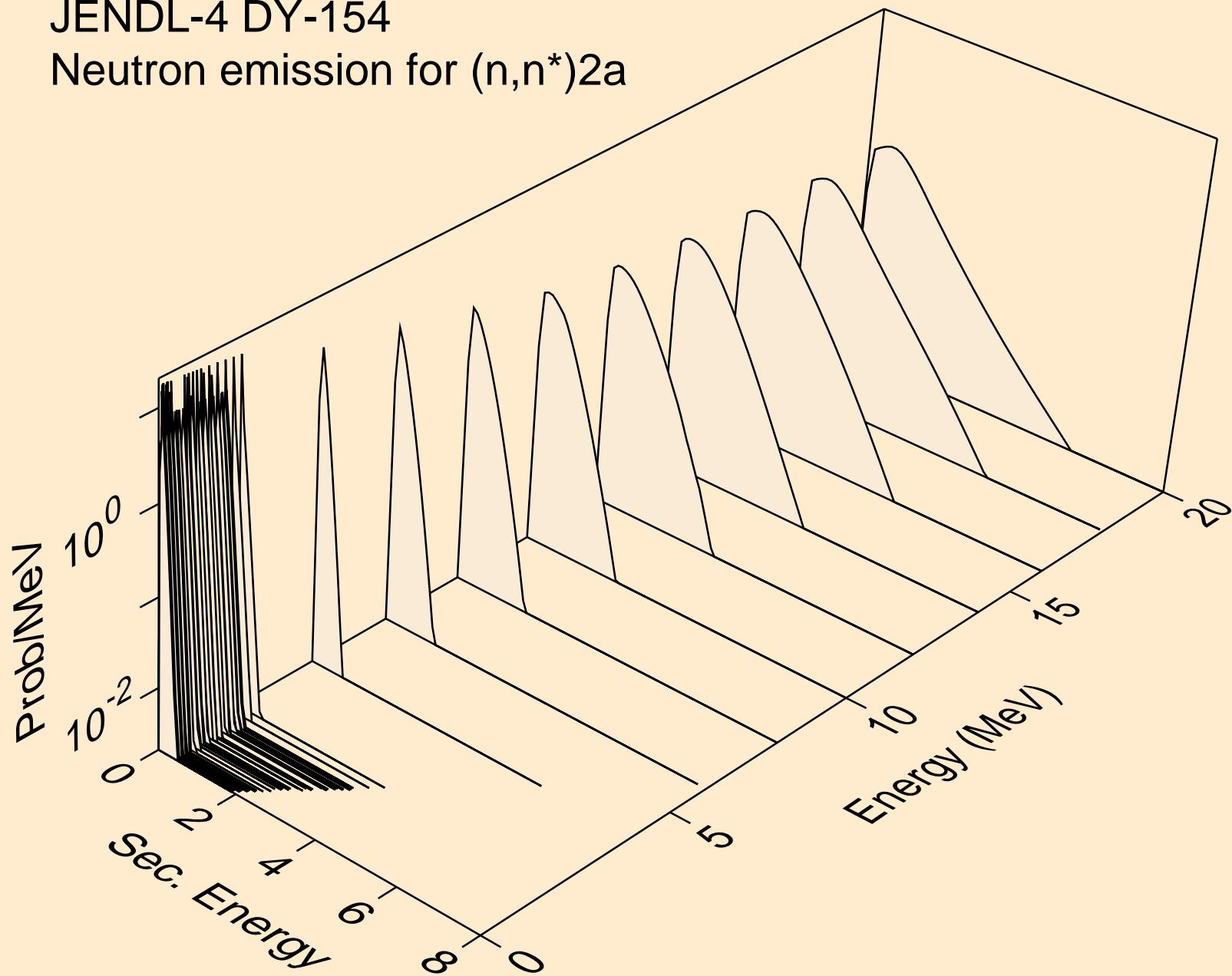
JENDL-4 DY-154  
Neutron emission for  $(n,2n)a$



JENDL-4 DY-154  
Neutron emission for  $(n,n^*)p$

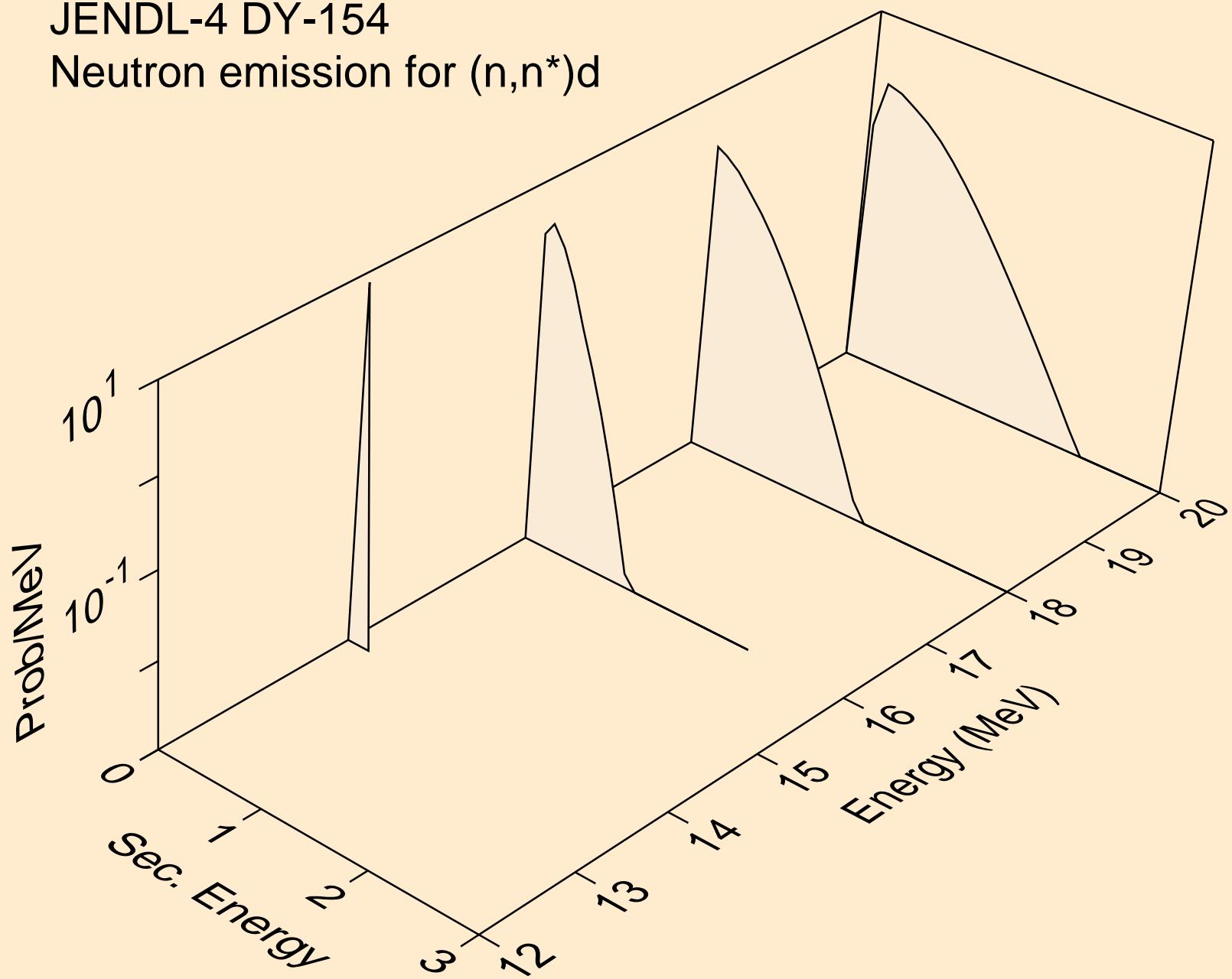


JENDL-4 DY-154  
Neutron emission for  $(n,n^*)2a$

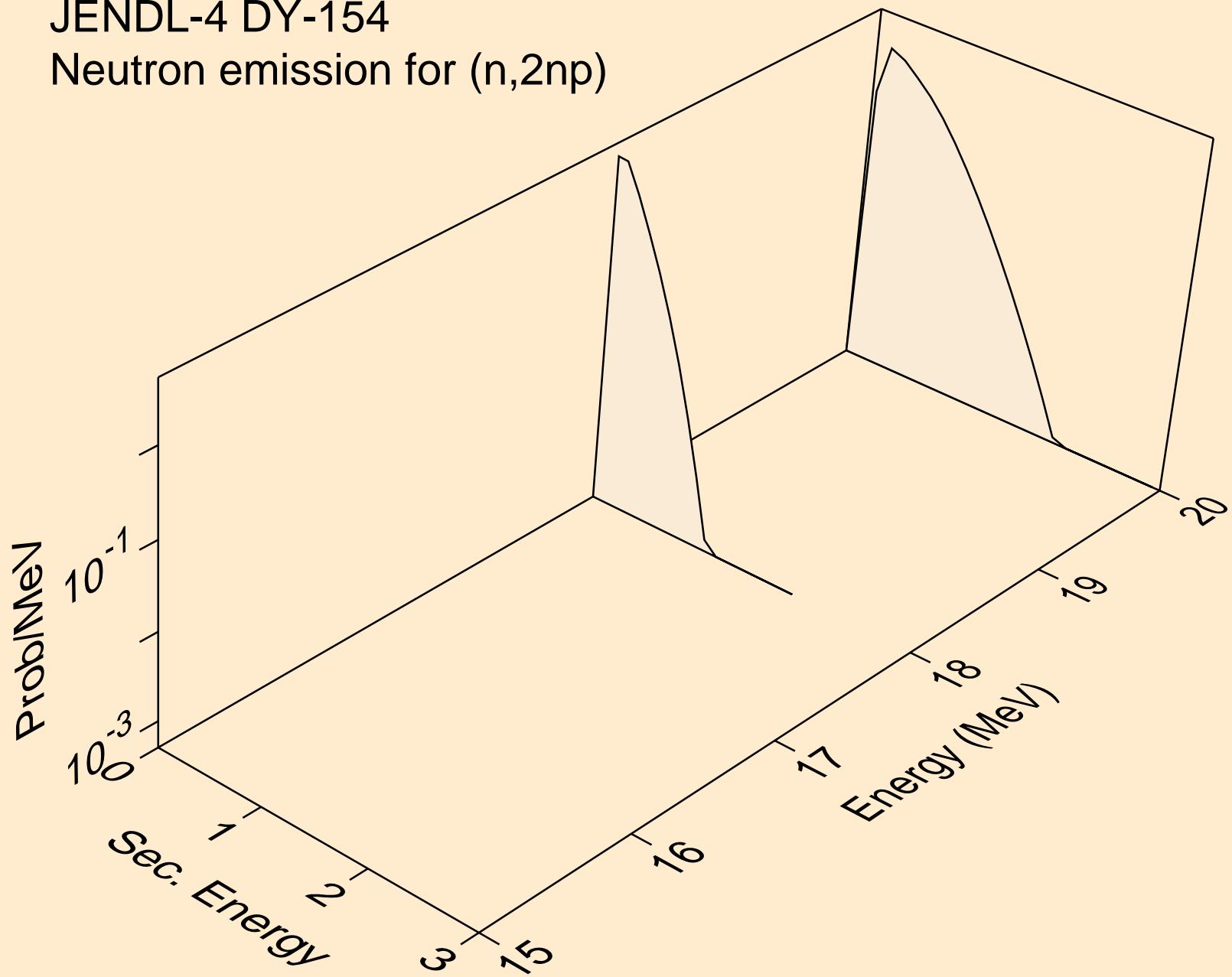


# JENDL-4 DY-154

## Neutron emission for (n,n\*)d

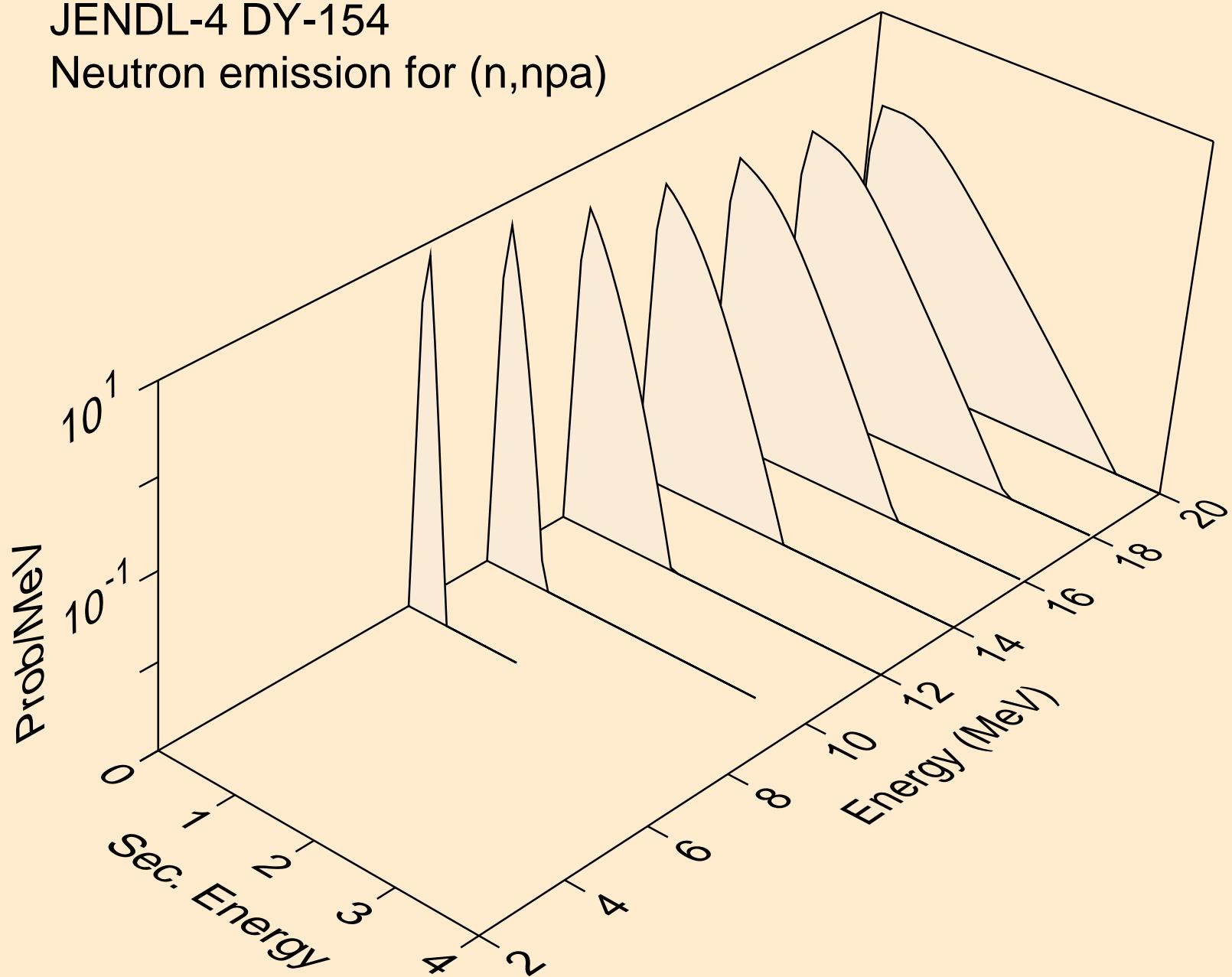


JENDL-4 DY-154  
Neutron emission for (n,2np)

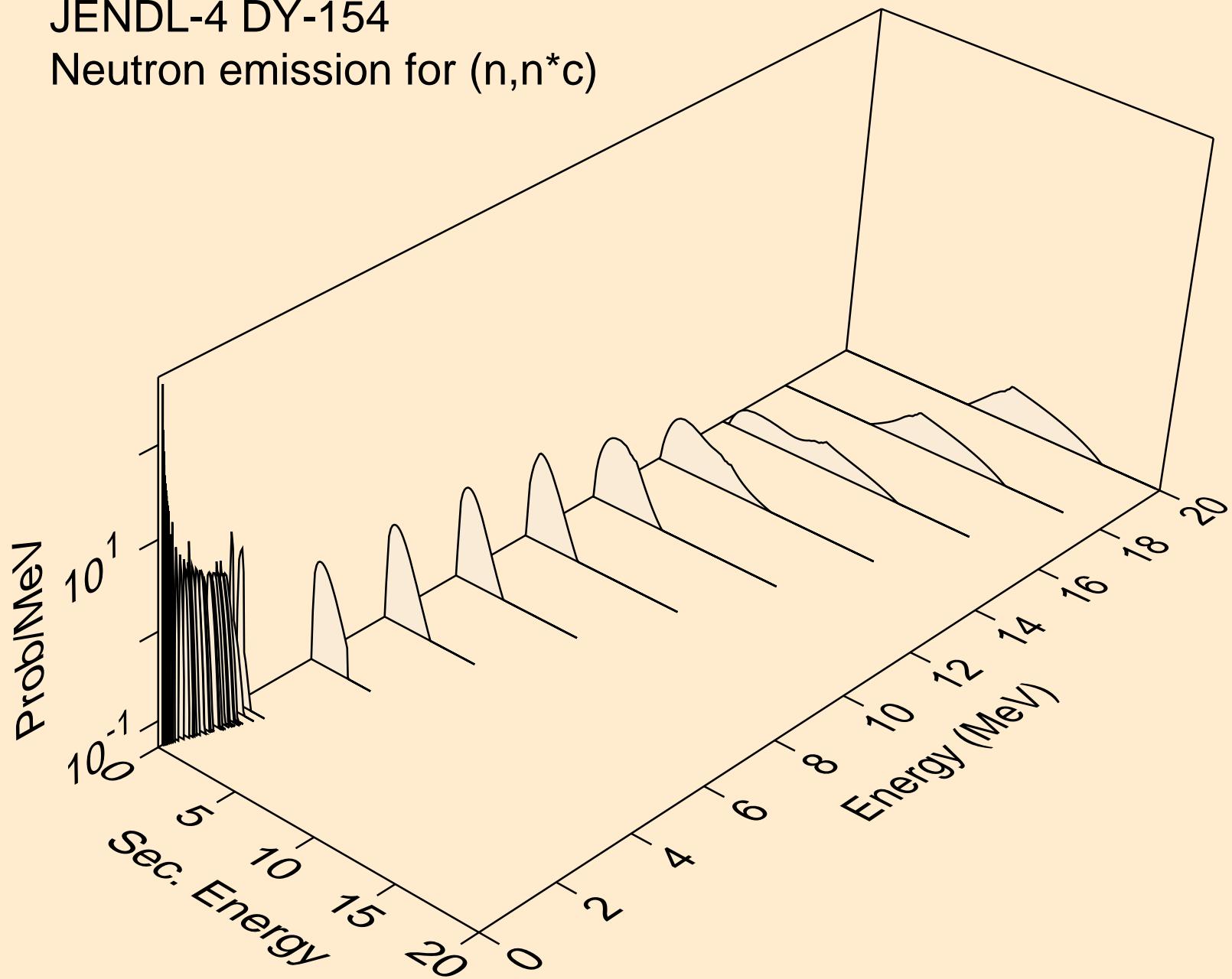


JENDL-4 DY-154

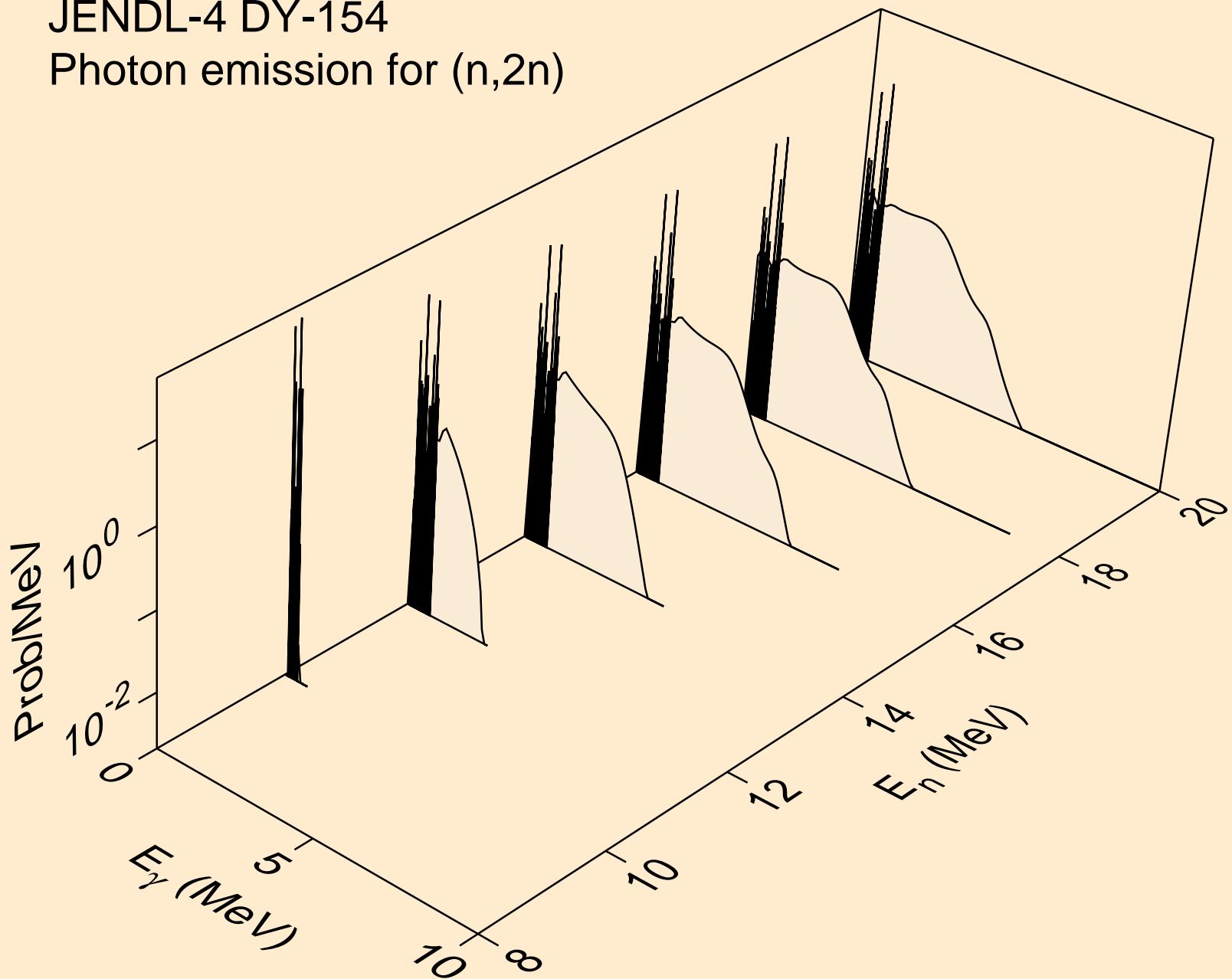
Neutron emission for (n,npa)



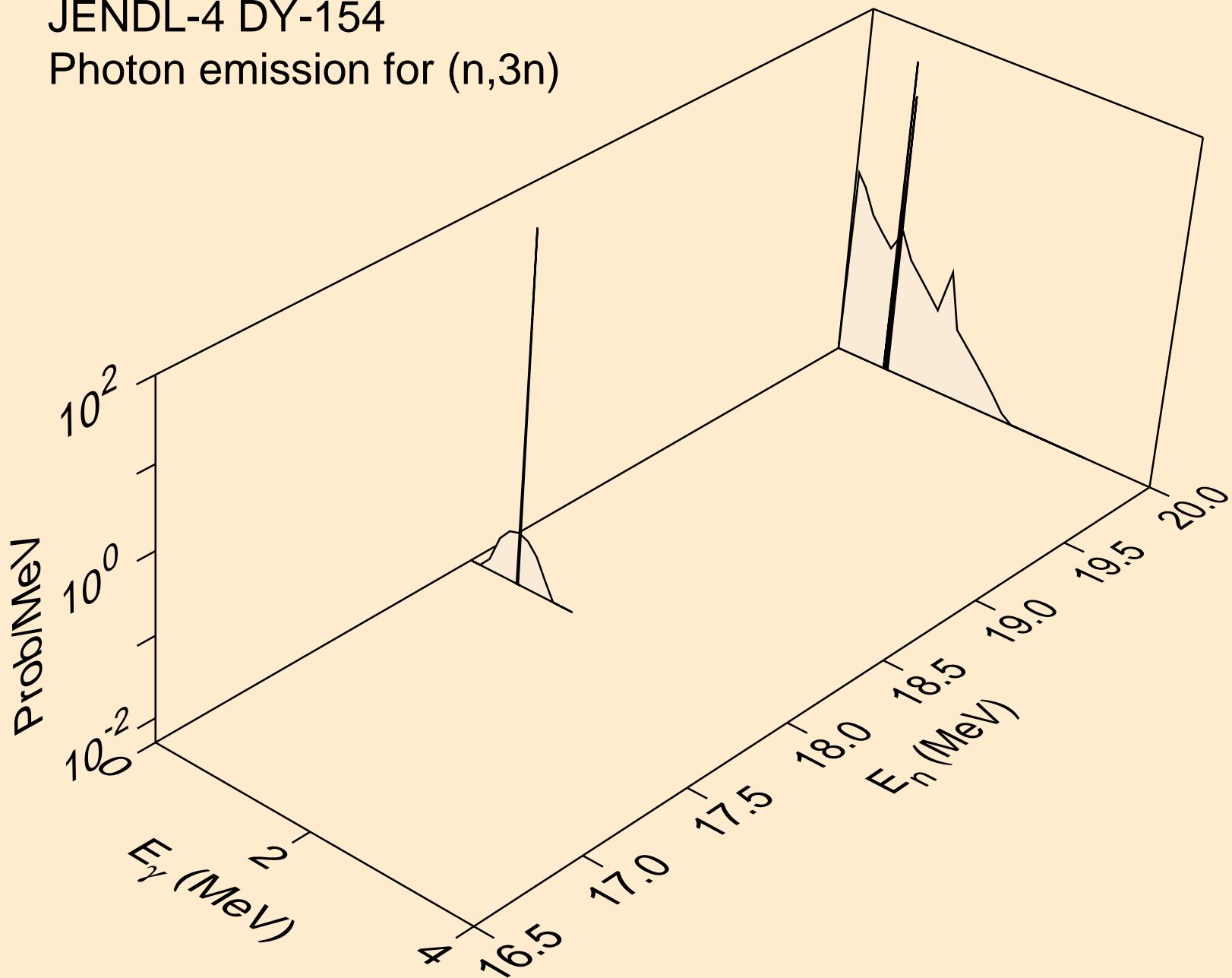
JENDL-4 DY-154  
Neutron emission for  $(n,n^*c)$



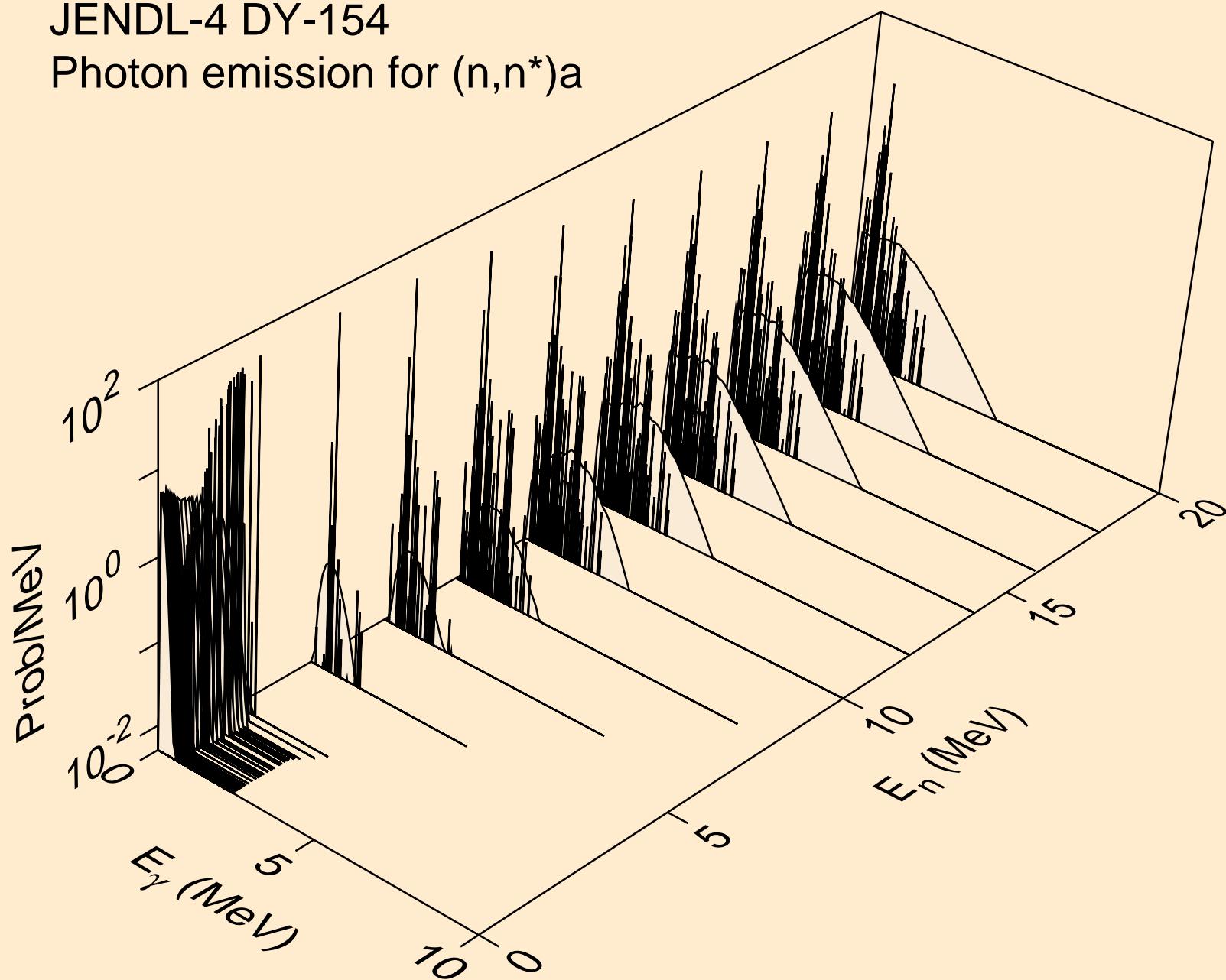
JENDL-4 DY-154  
Photon emission for (n,2n)



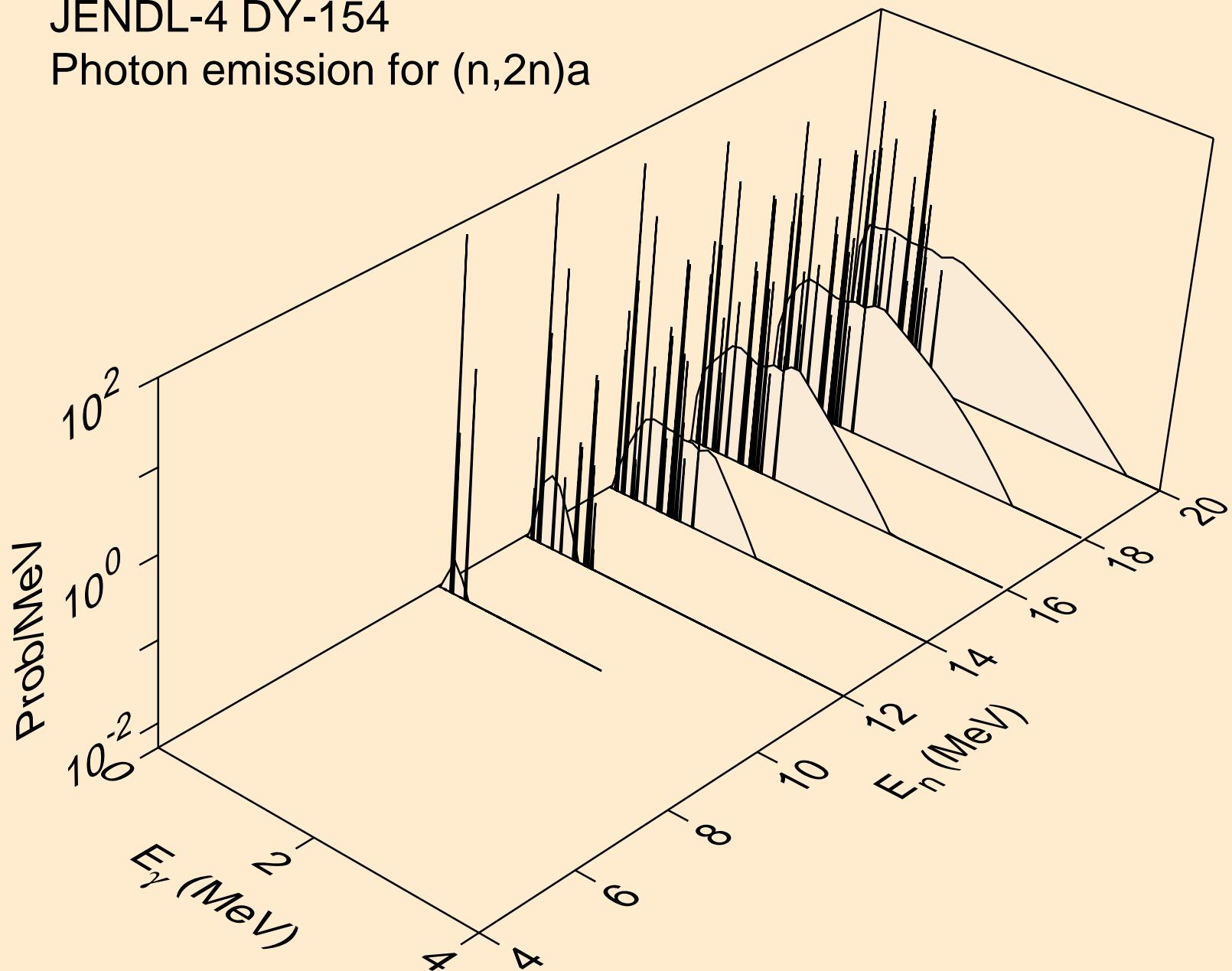
JENDL-4 DY-154  
Photon emission for (n,3n)



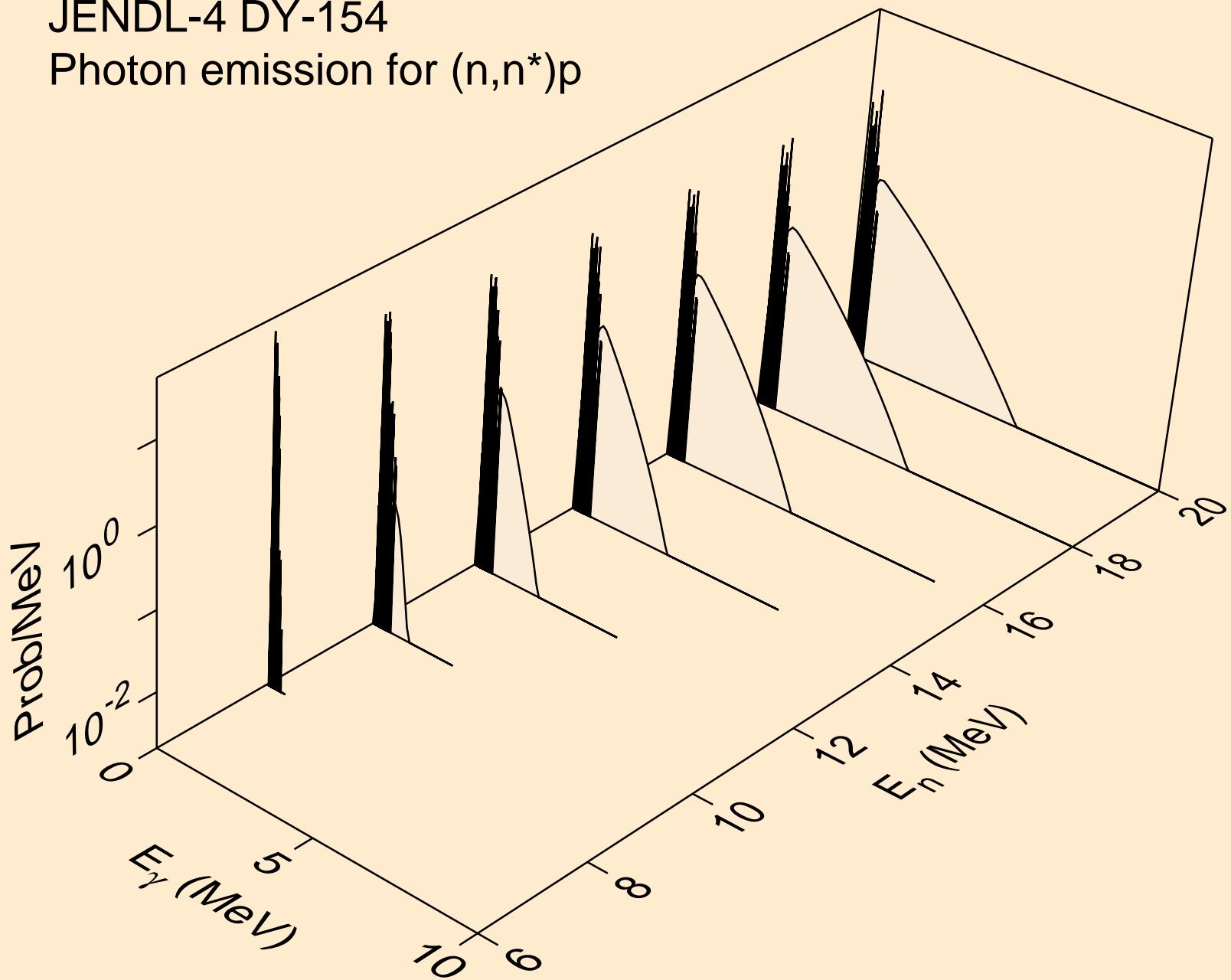
JENDL-4 DY-154  
Photon emission for  $(n,n^*)a$



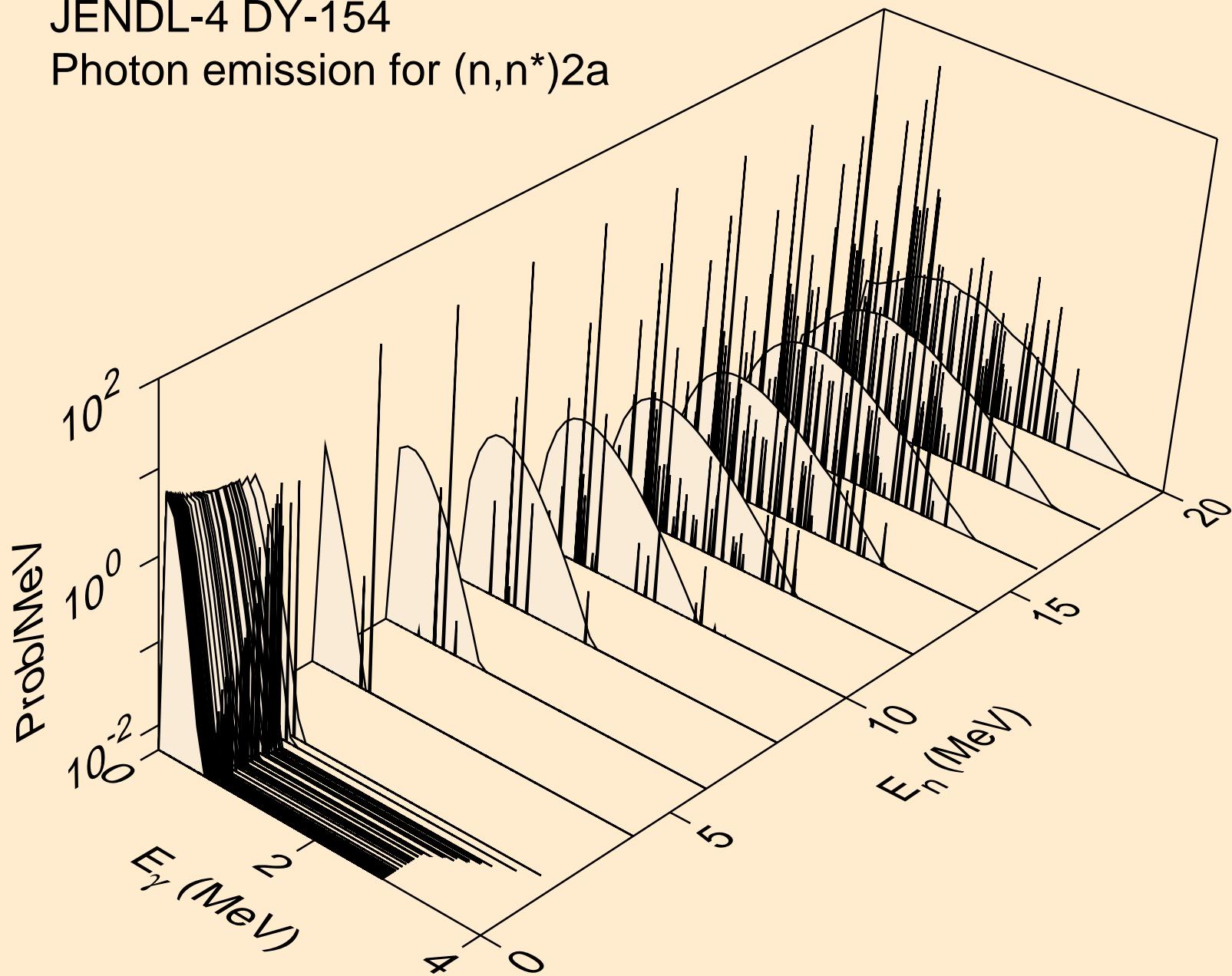
JENDL-4 DY-154  
Photon emission for  $(n,2n)a$



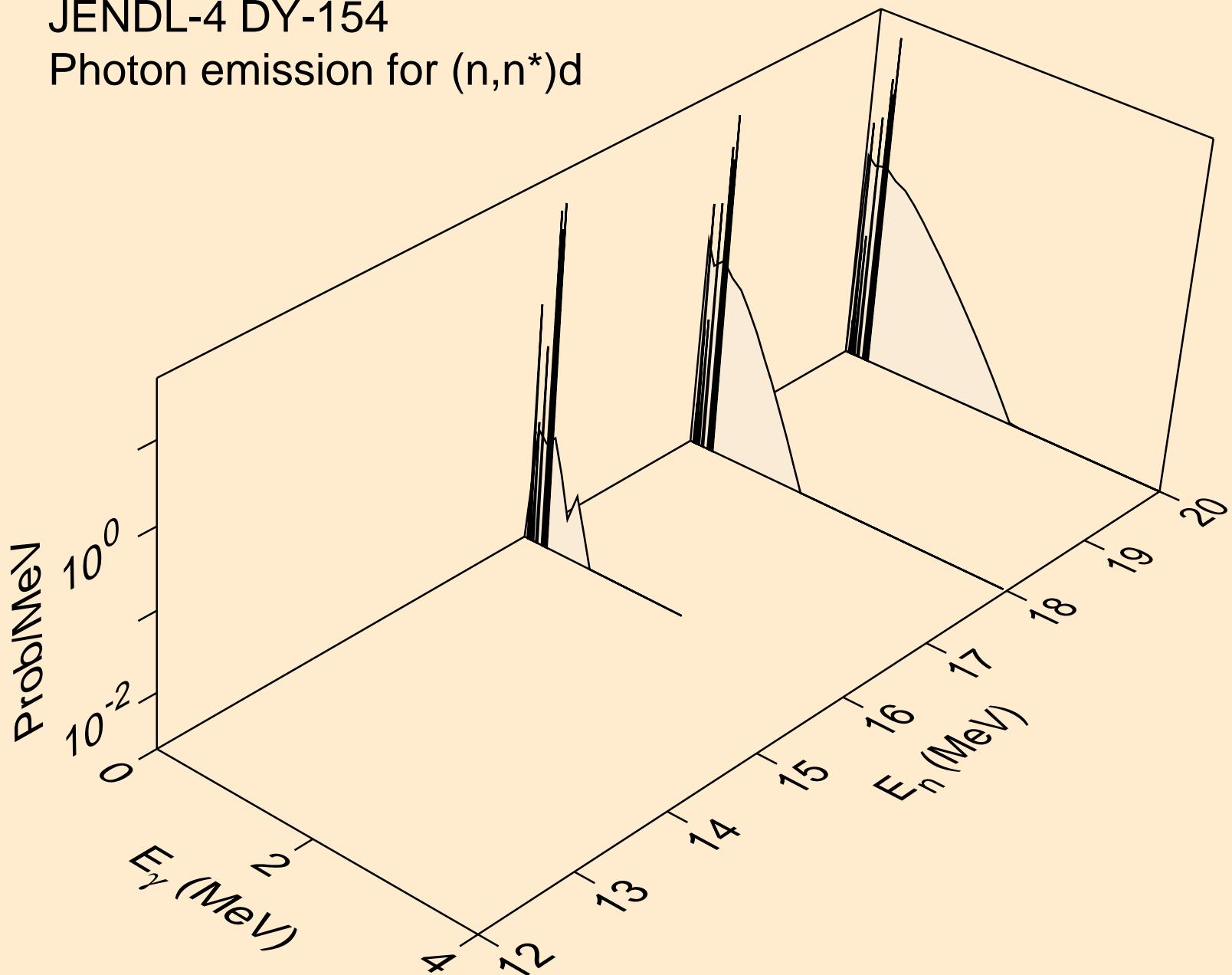
JENDL-4 DY-154  
Photon emission for  $(n,n^*)p$



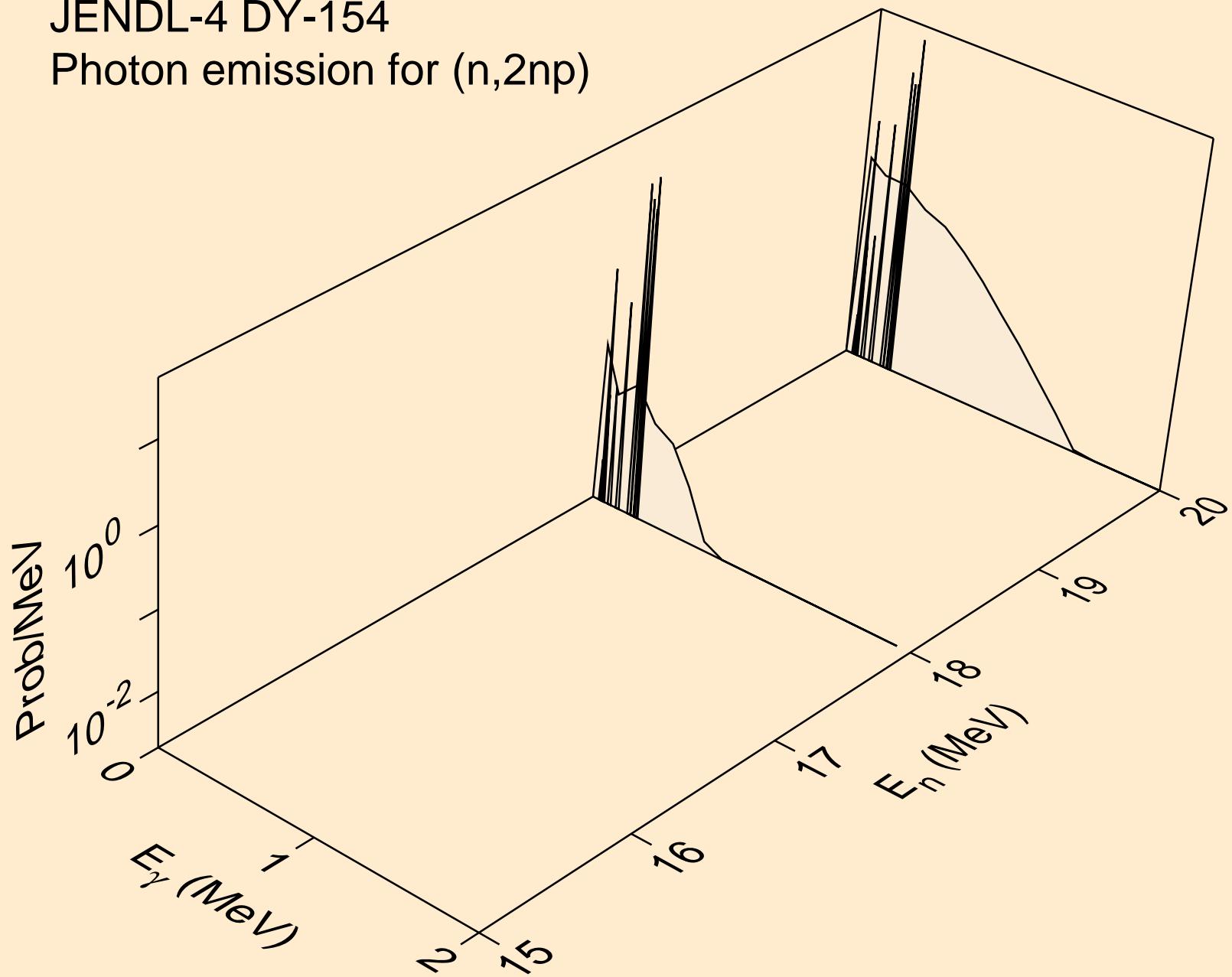
JENDL-4 DY-154  
Photon emission for  $(n,n^*)2a$



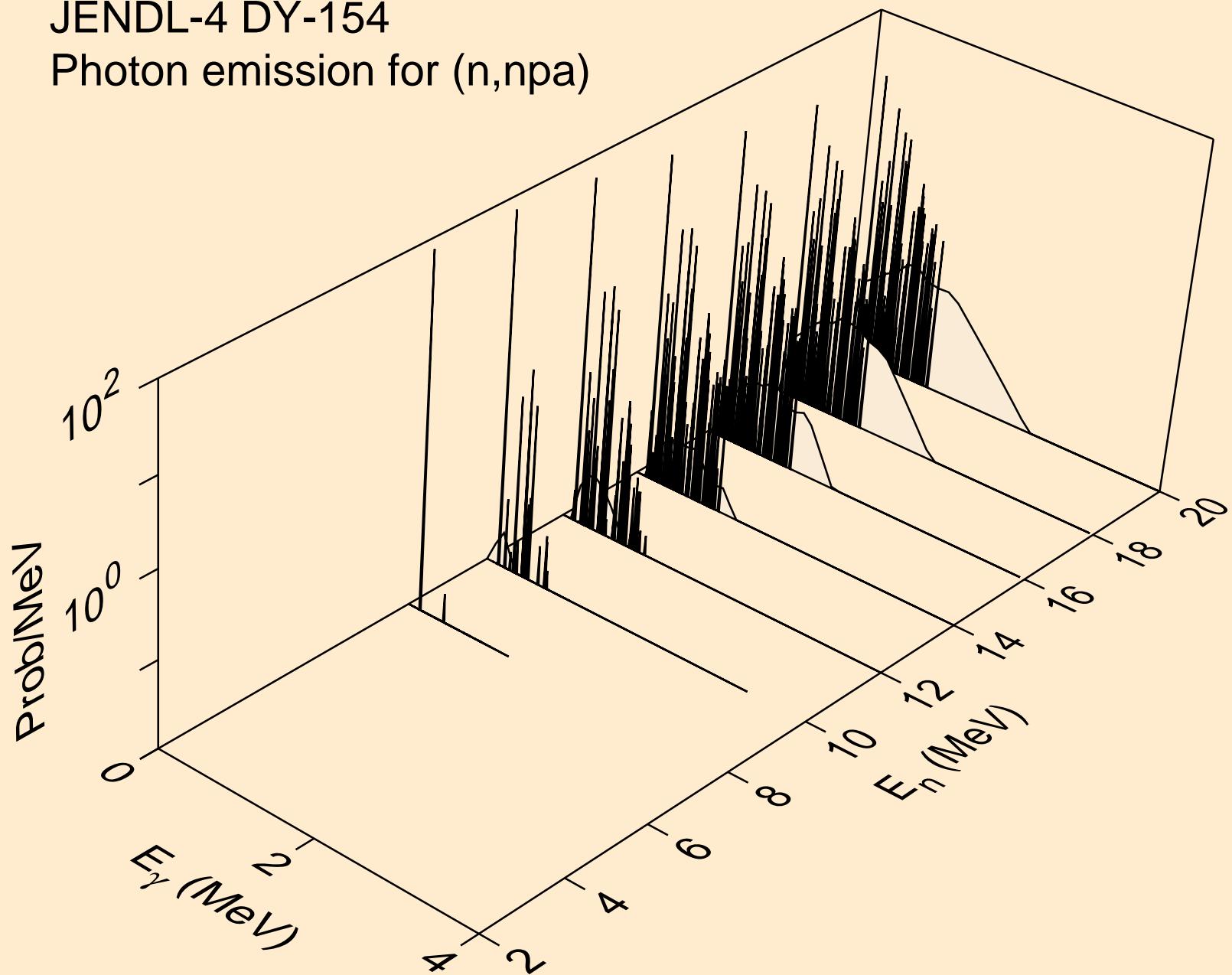
JENDL-4 DY-154  
Photon emission for  $(n,n^*)d$



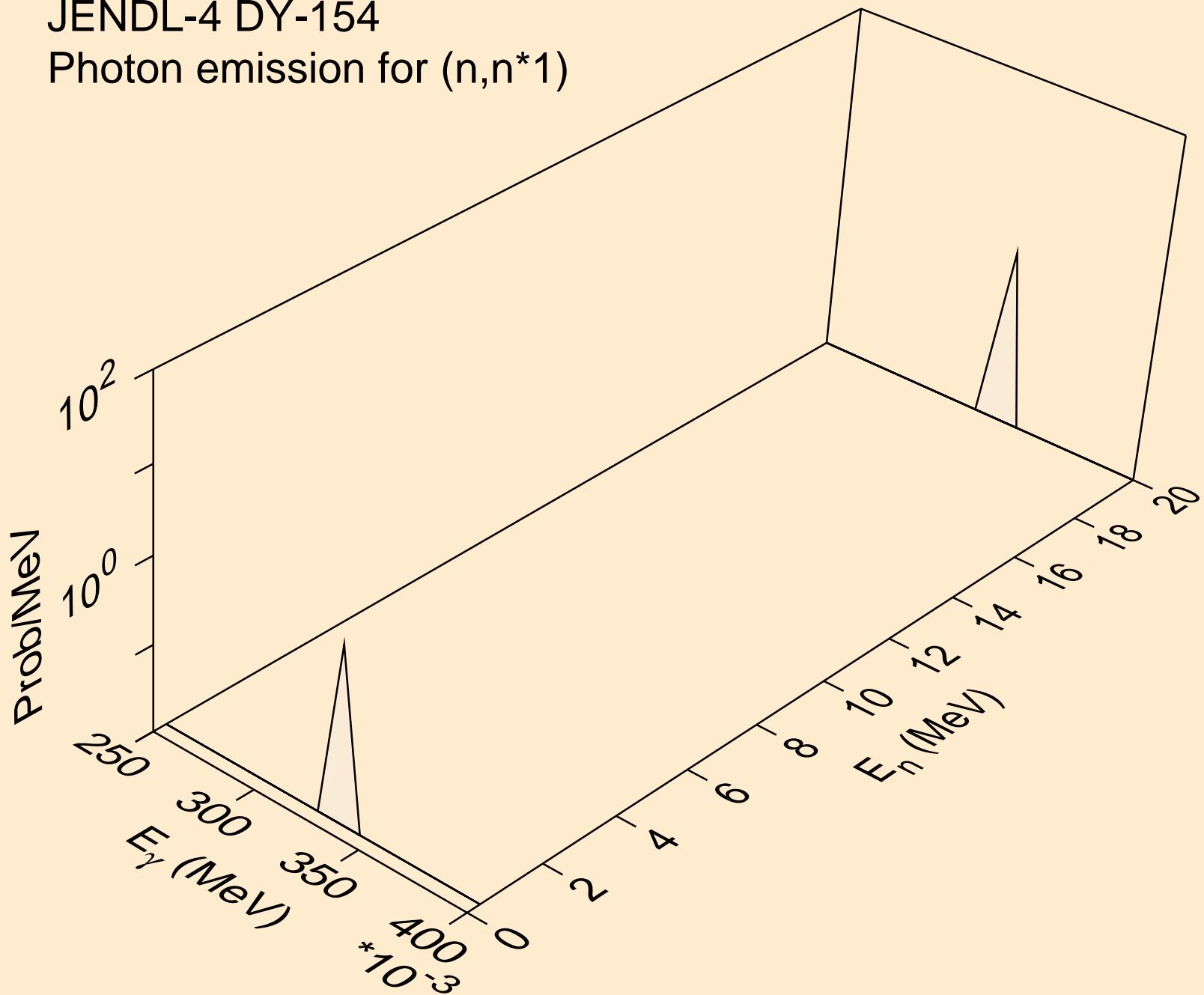
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Photon emission for ( $n, 2np$ )



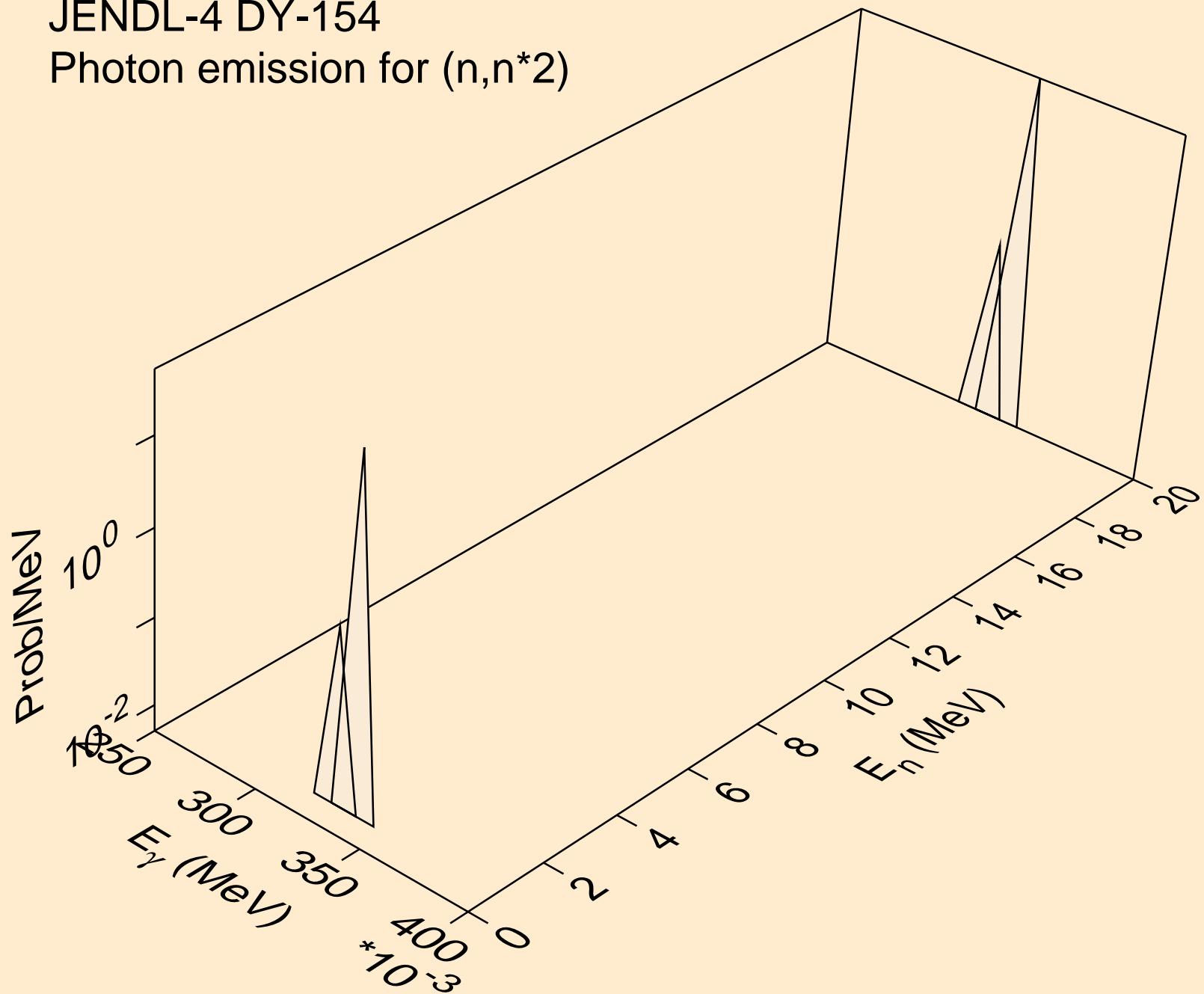
JENDL-4 DY-154  
Photon emission for (n,npa)



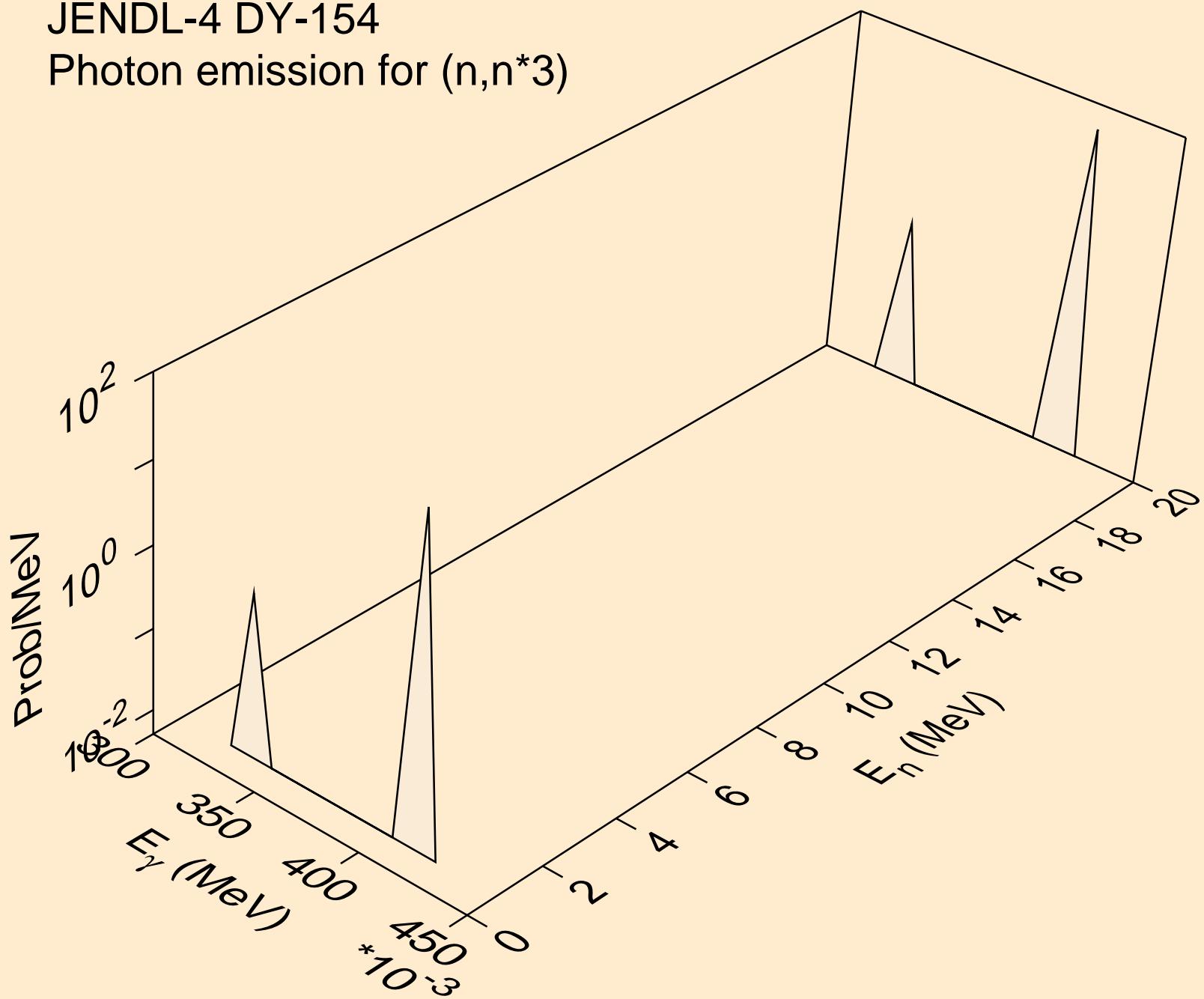
JENDL-4 DY-154  
Photon emission for (n,n\*1)



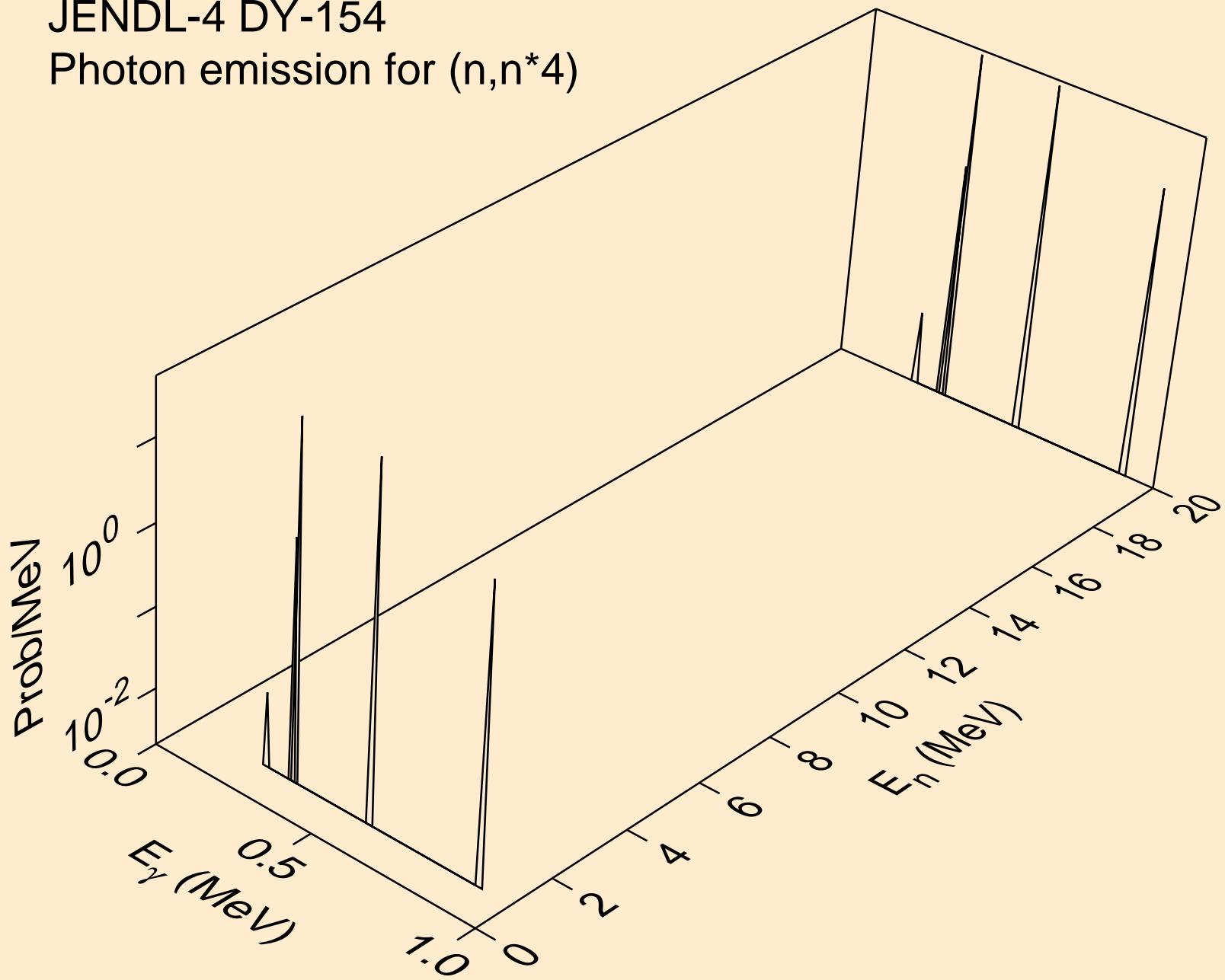
JENDL-4 DY-154  
Photon emission for  $(n,n^*2)$



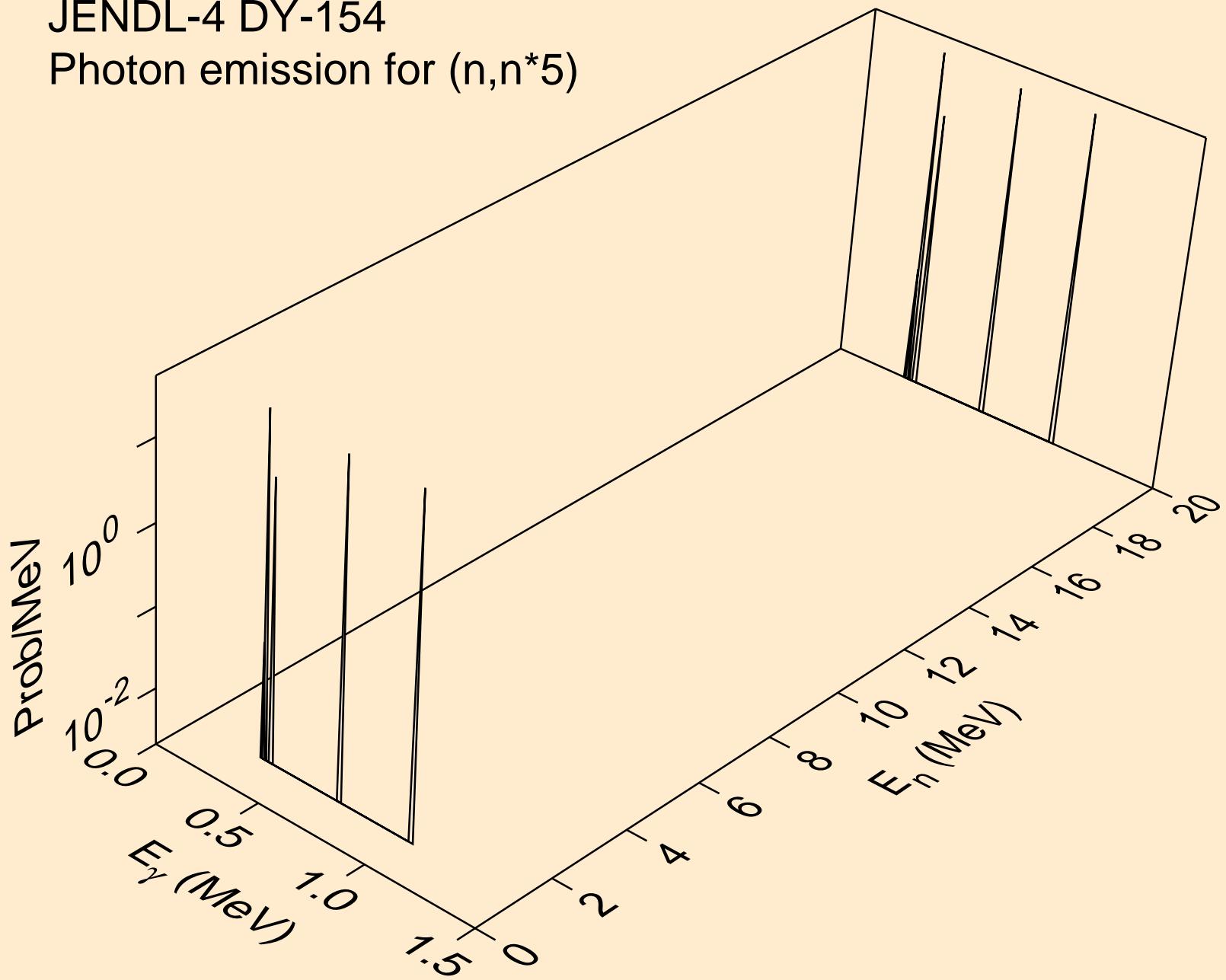
JENDL-4 DY-154  
Photon emission for (n,n\*3)



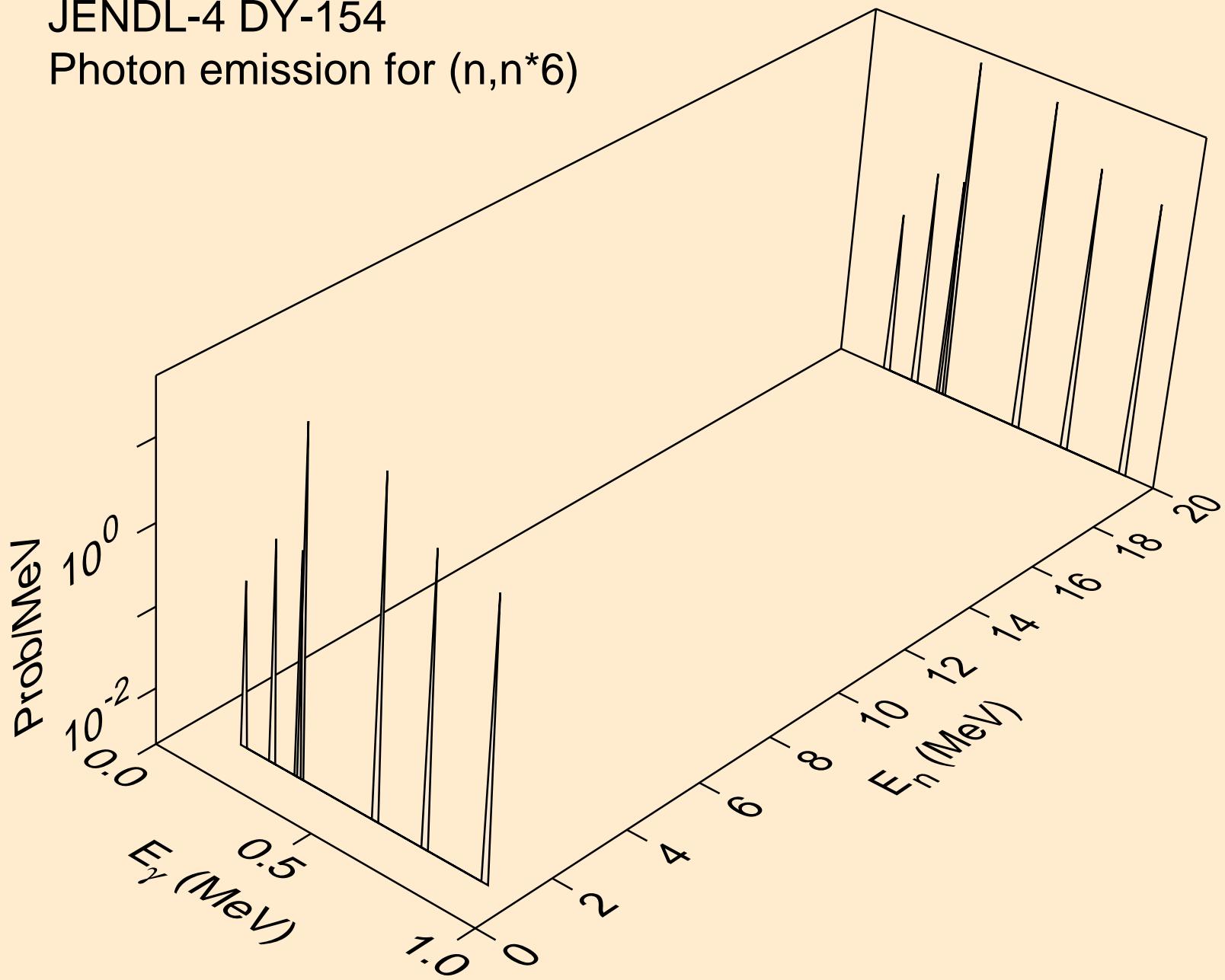
JENDL-4 DY-154  
Photon emission for ( $n, n^*4$ )



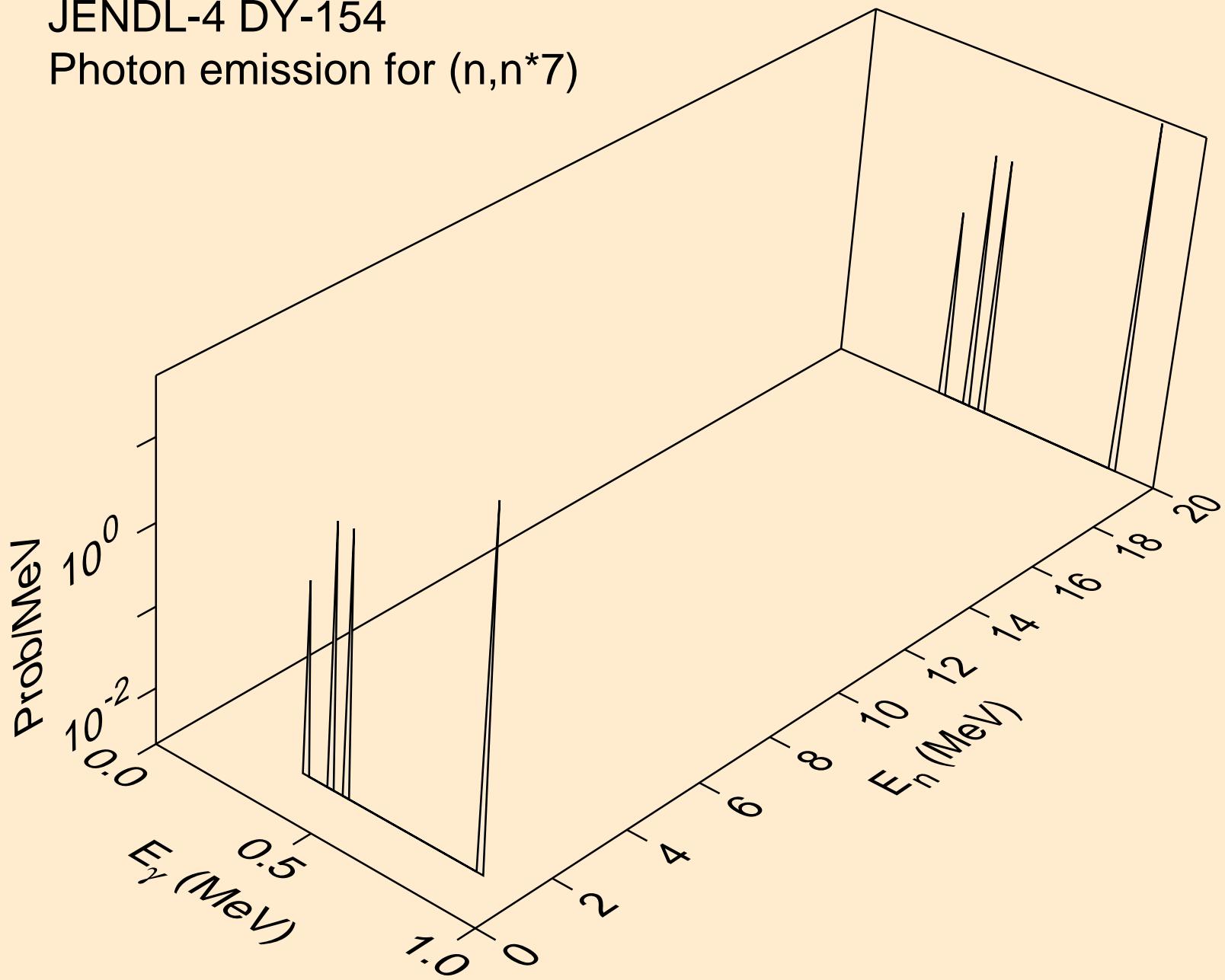
JENDL-4 DY-154  
Photon emission for (n,n\*5)



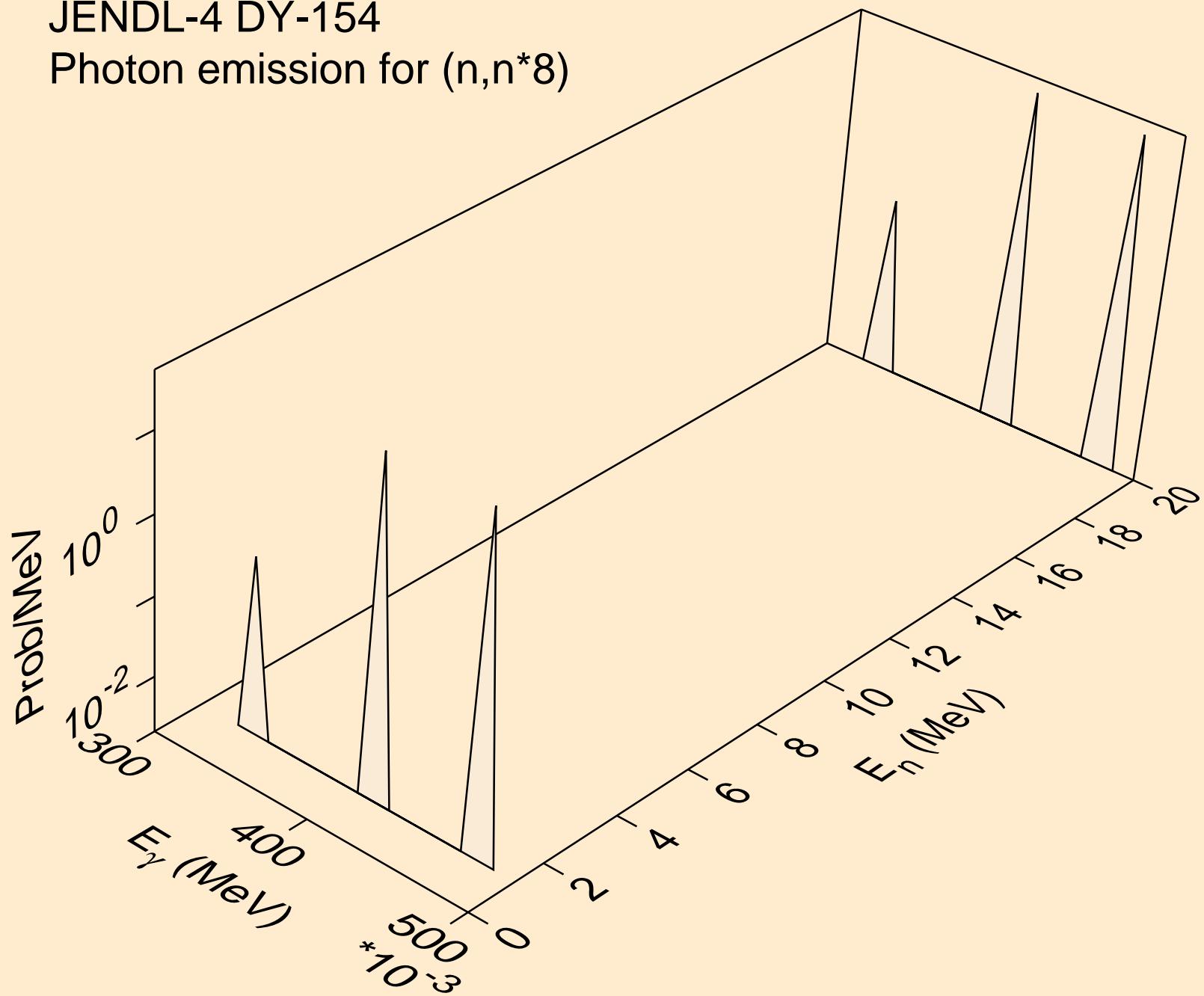
JENDL-4 DY-154  
Photon emission for  $(n,n^*6)$



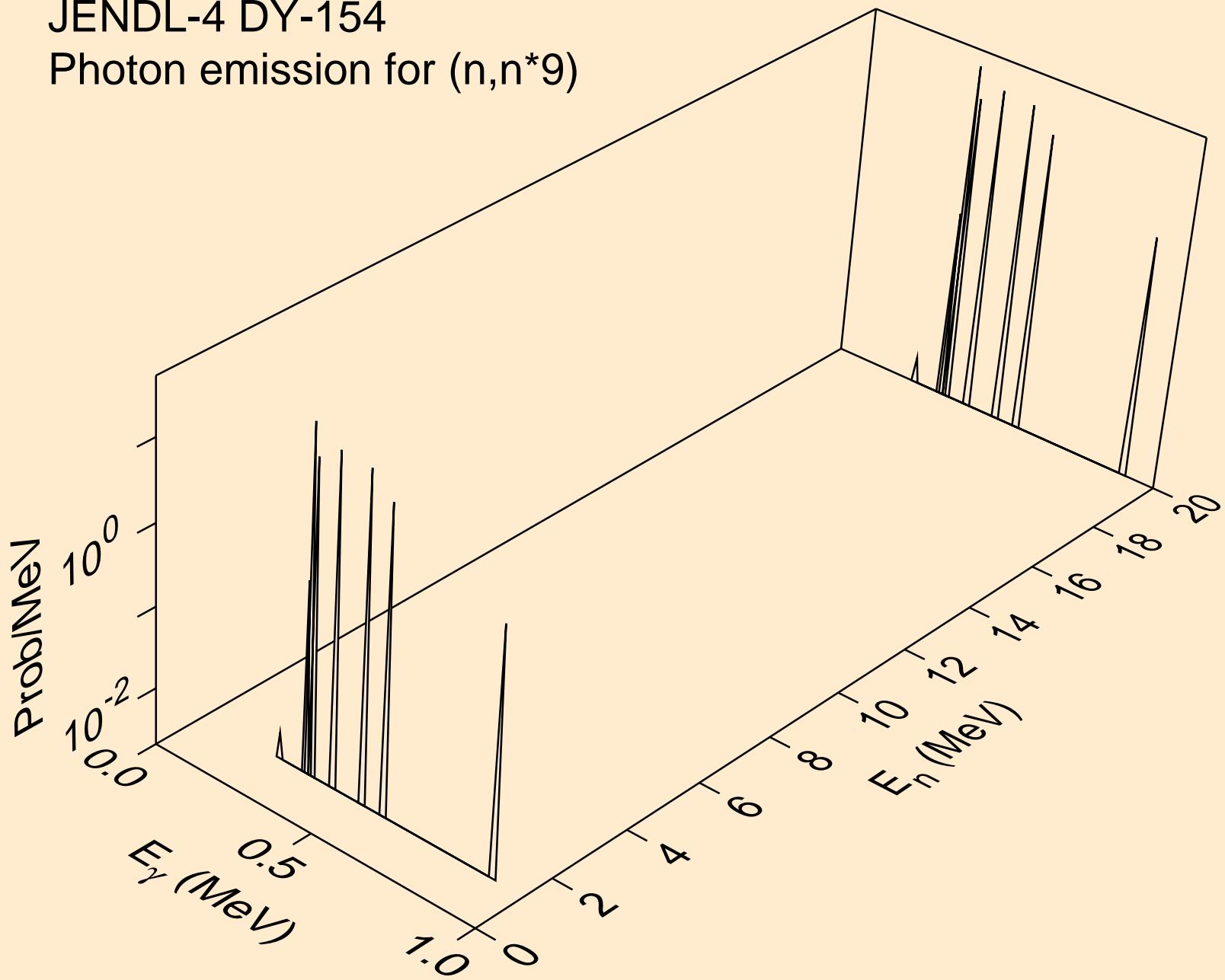
JENDL-4 DY-154  
Photon emission for  $(n,n^*7)$



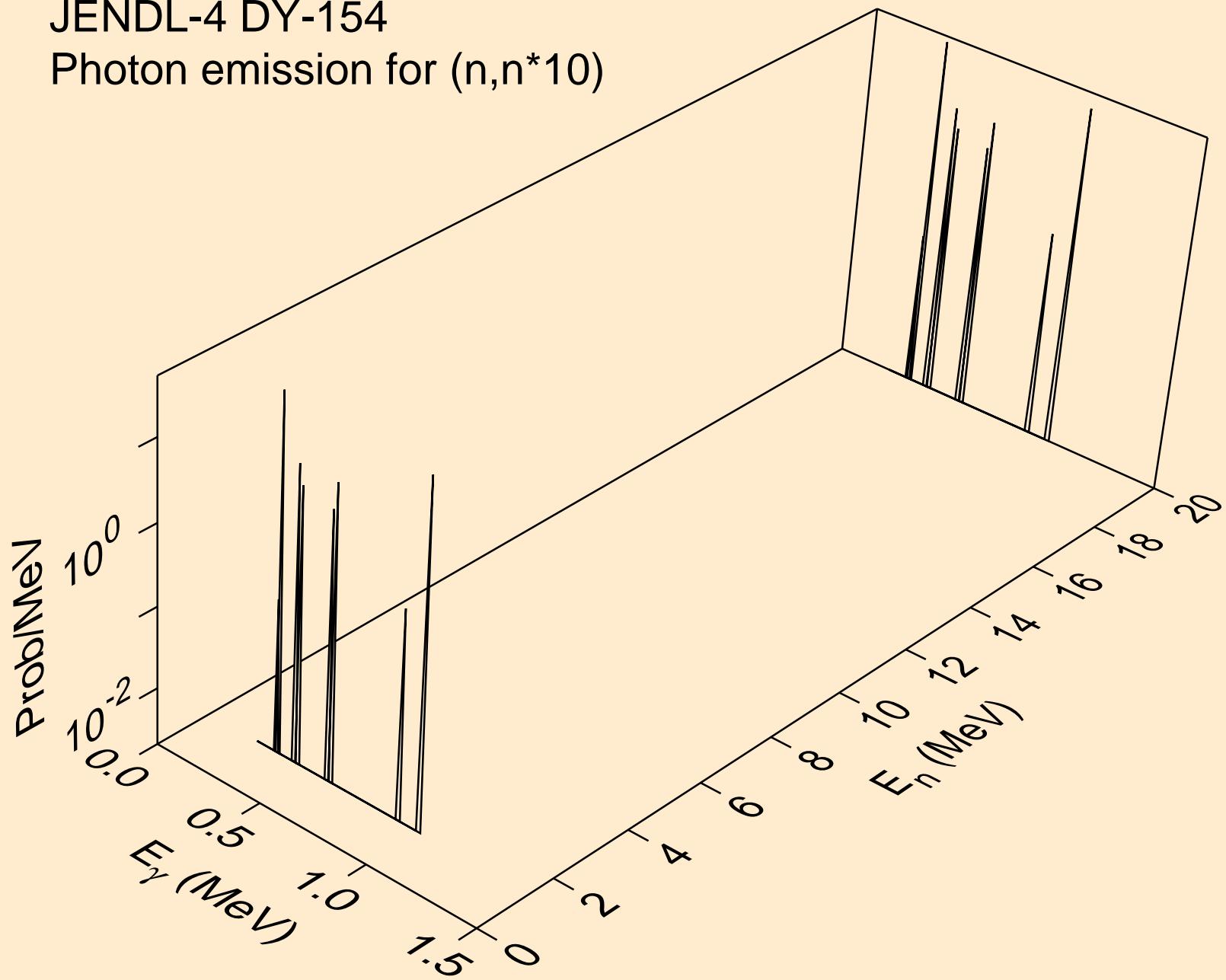
JENDL-4 DY-154  
Photon emission for  $(n,n^*8)$



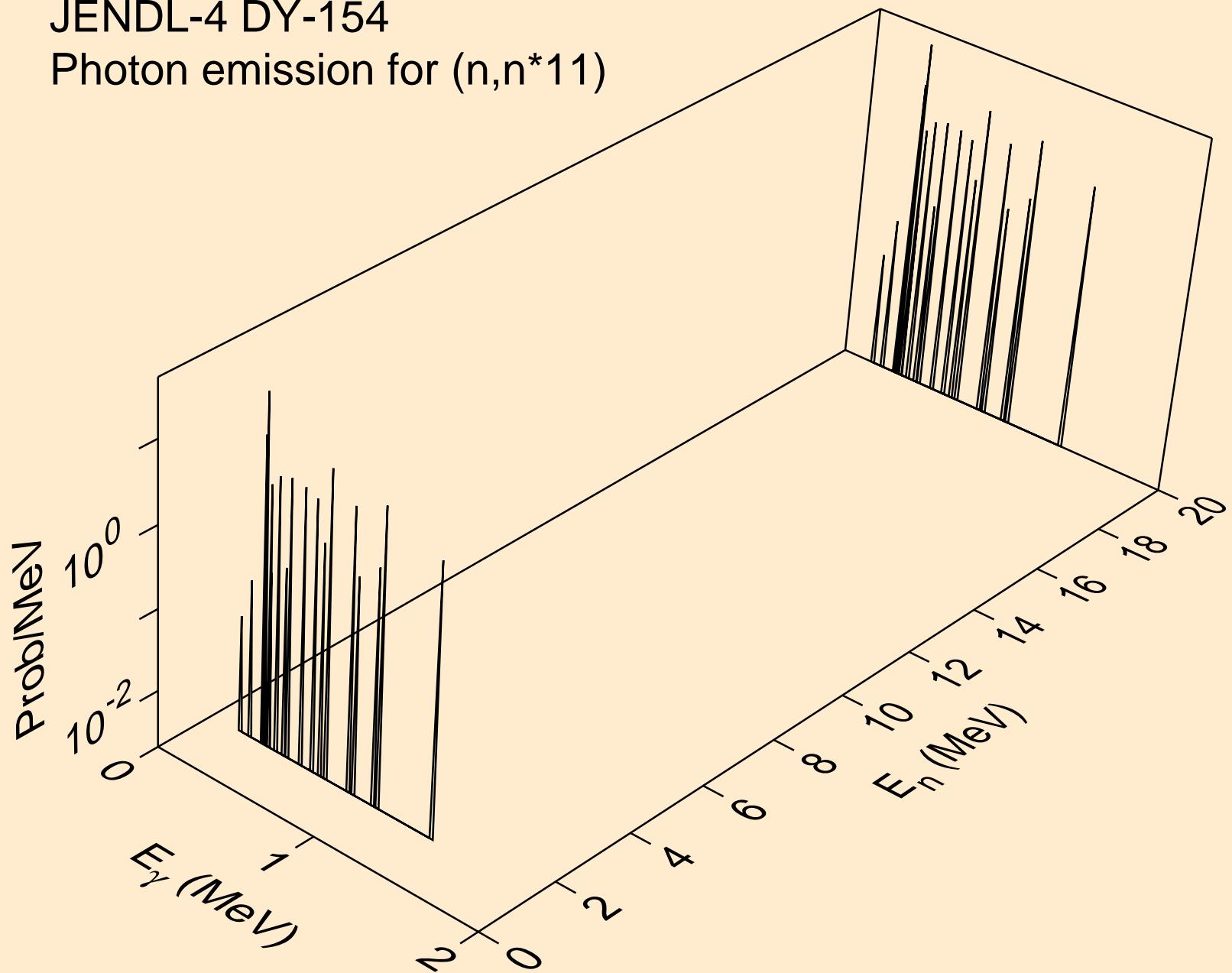
JENDL-4 DY-154  
Photon emission for  $(n,n^*9)$



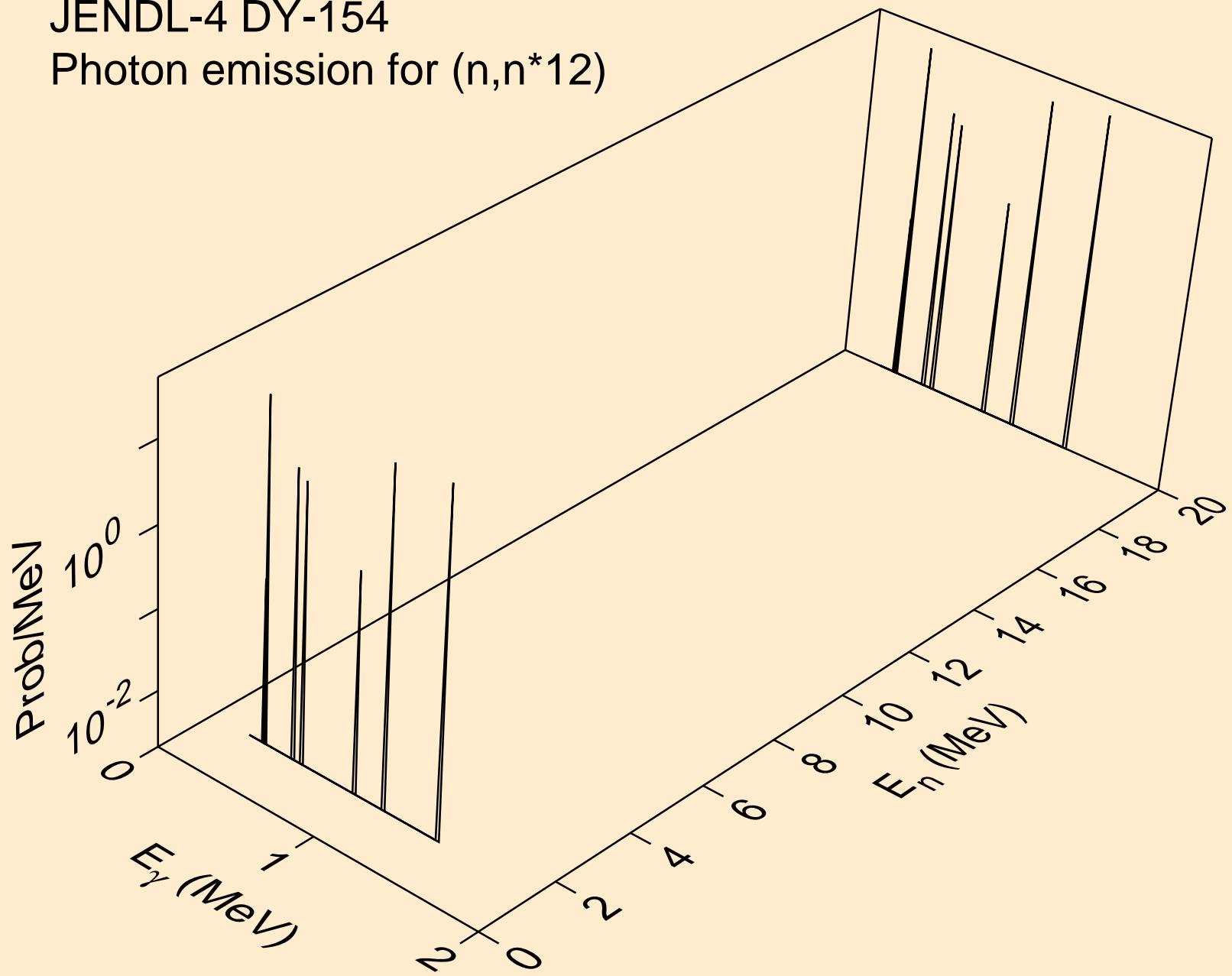
JENDL-4 DY-154  
Photon emission for (n,n\*10)



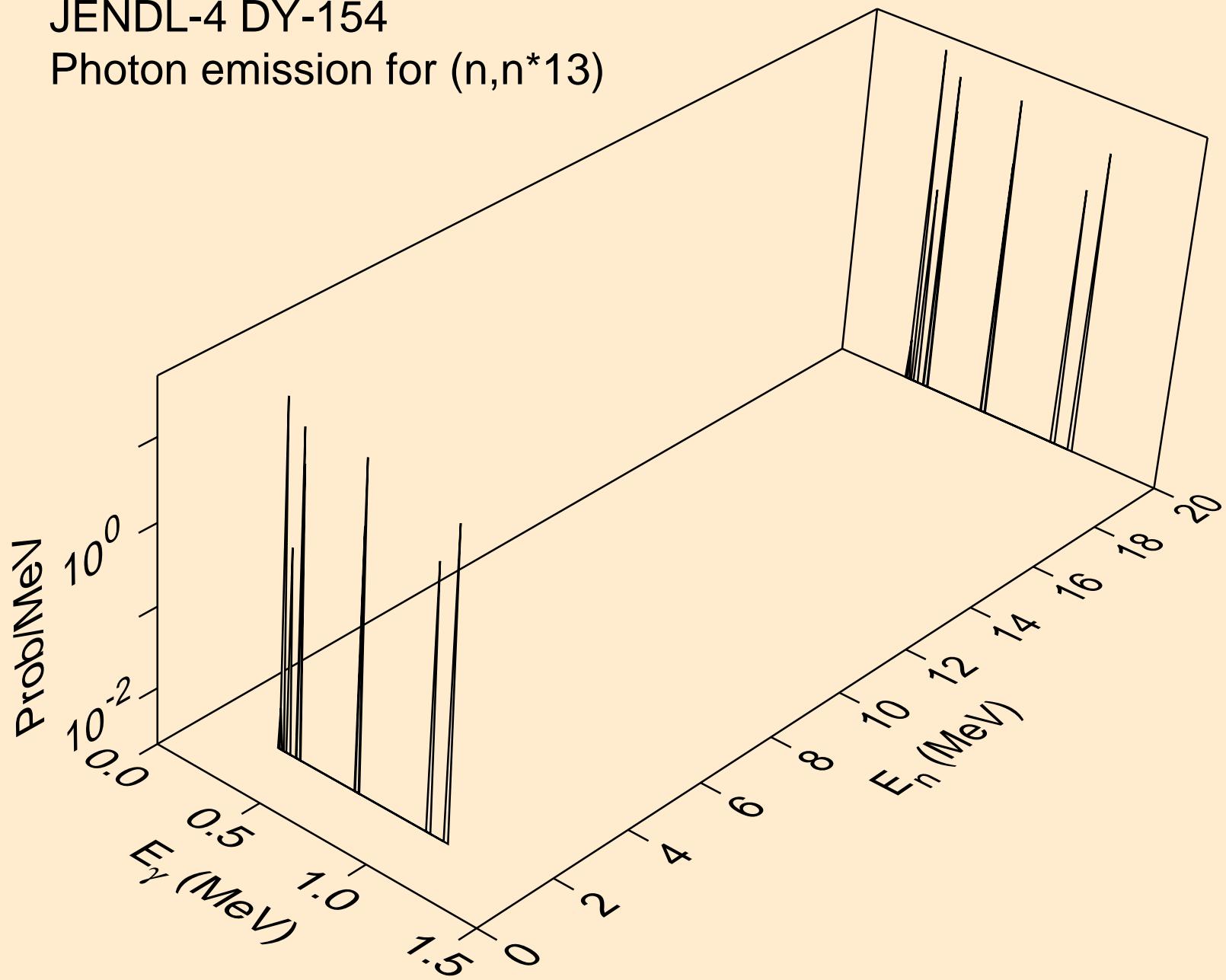
JENDL-4 DY-154  
Photon emission for (n,n\*11)



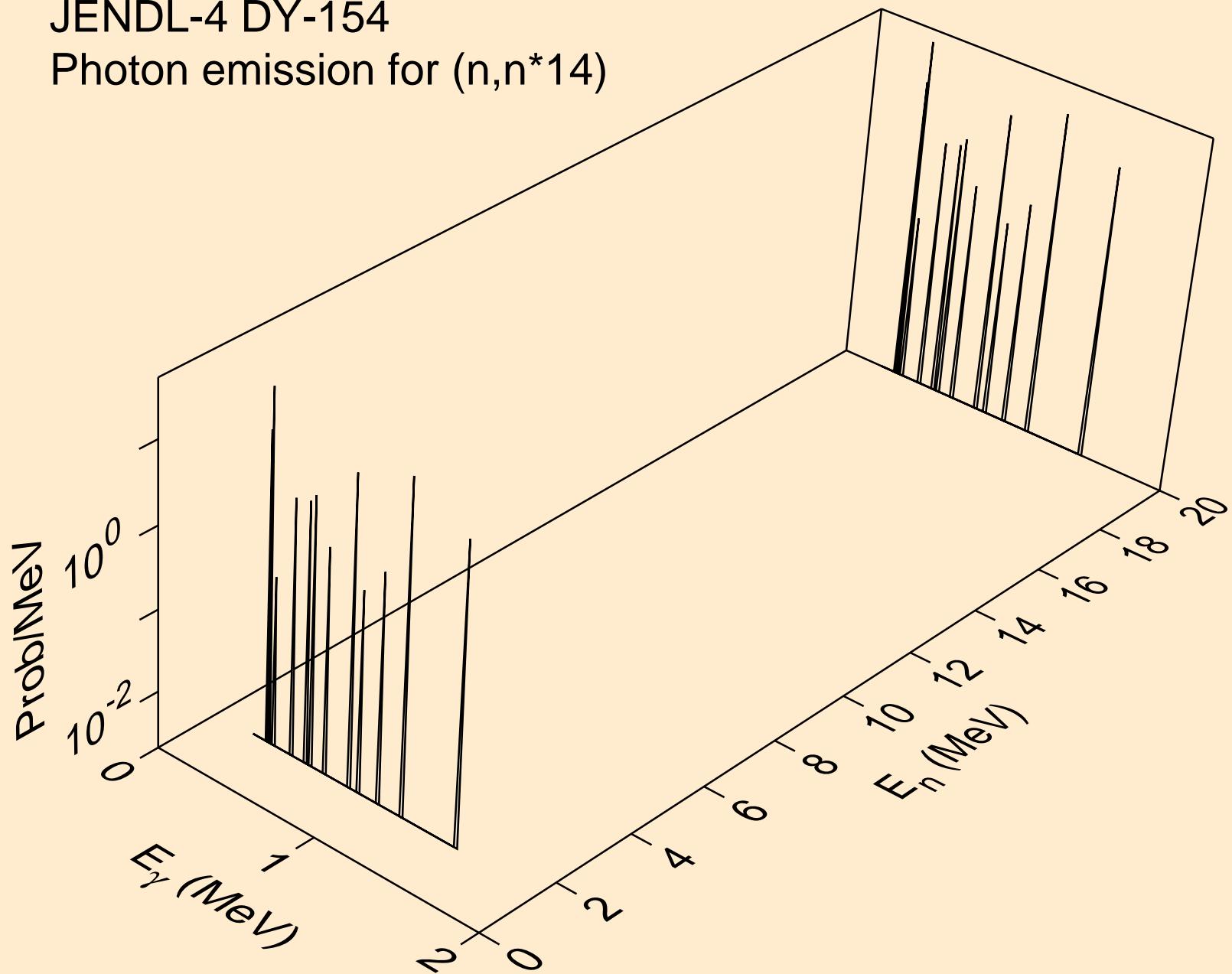
JENDL-4 DY-154  
Photon emission for ( $n, n^* 12$ )



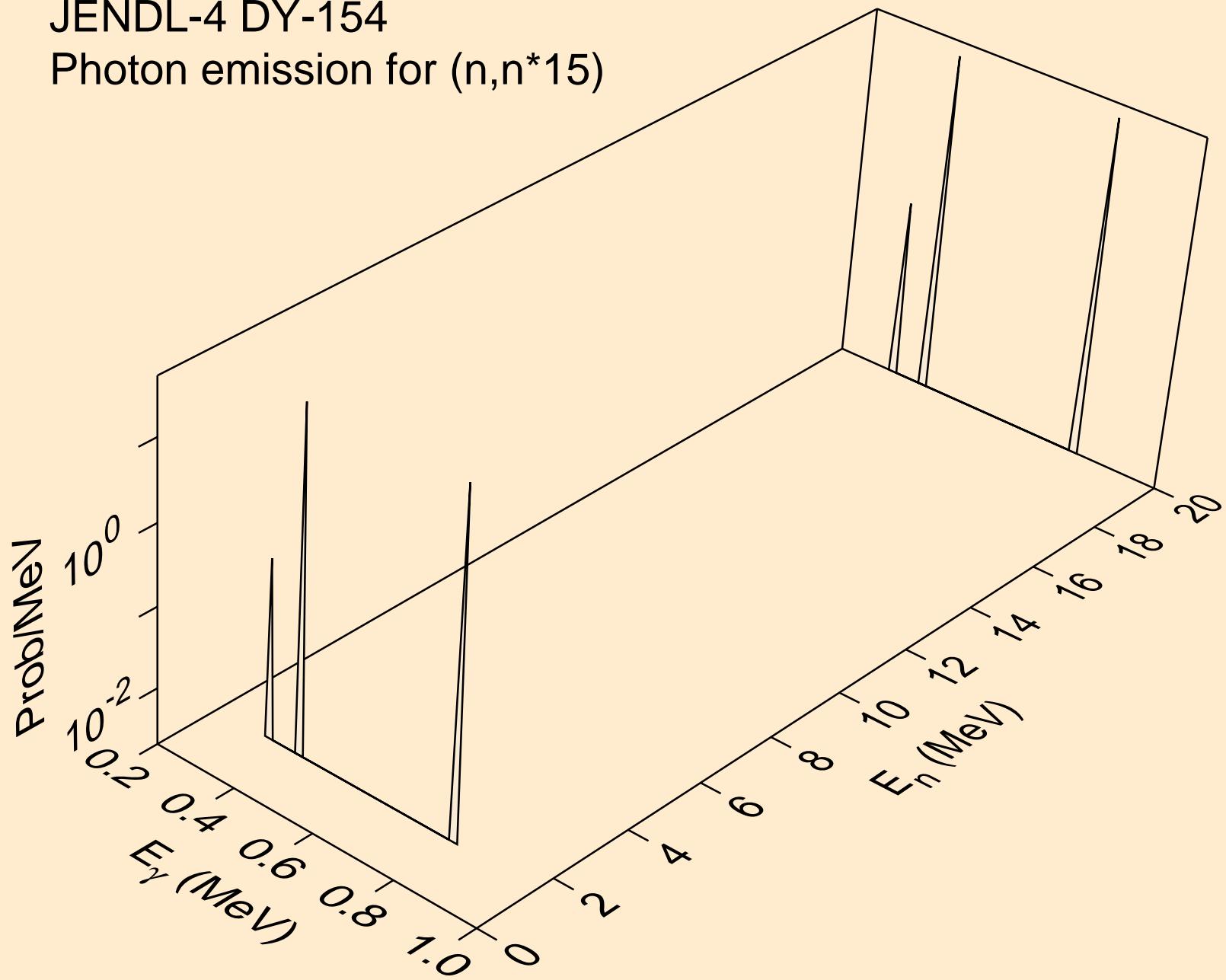
JENDL-4 DY-154  
Photon emission for ( $n, n^* 13$ )



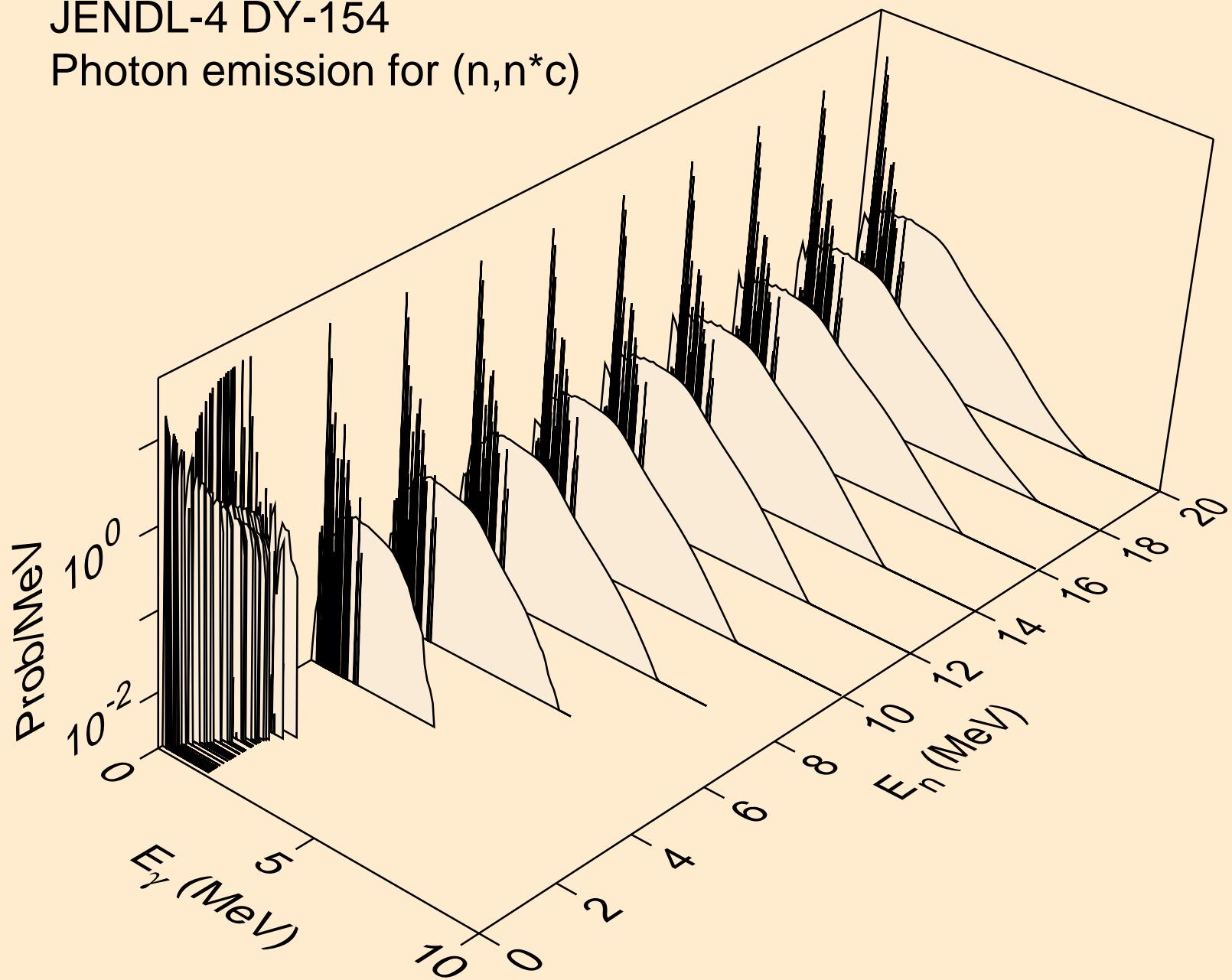
JENDL-4 DY-154  
Photon emission for  $(n,n^*14)$



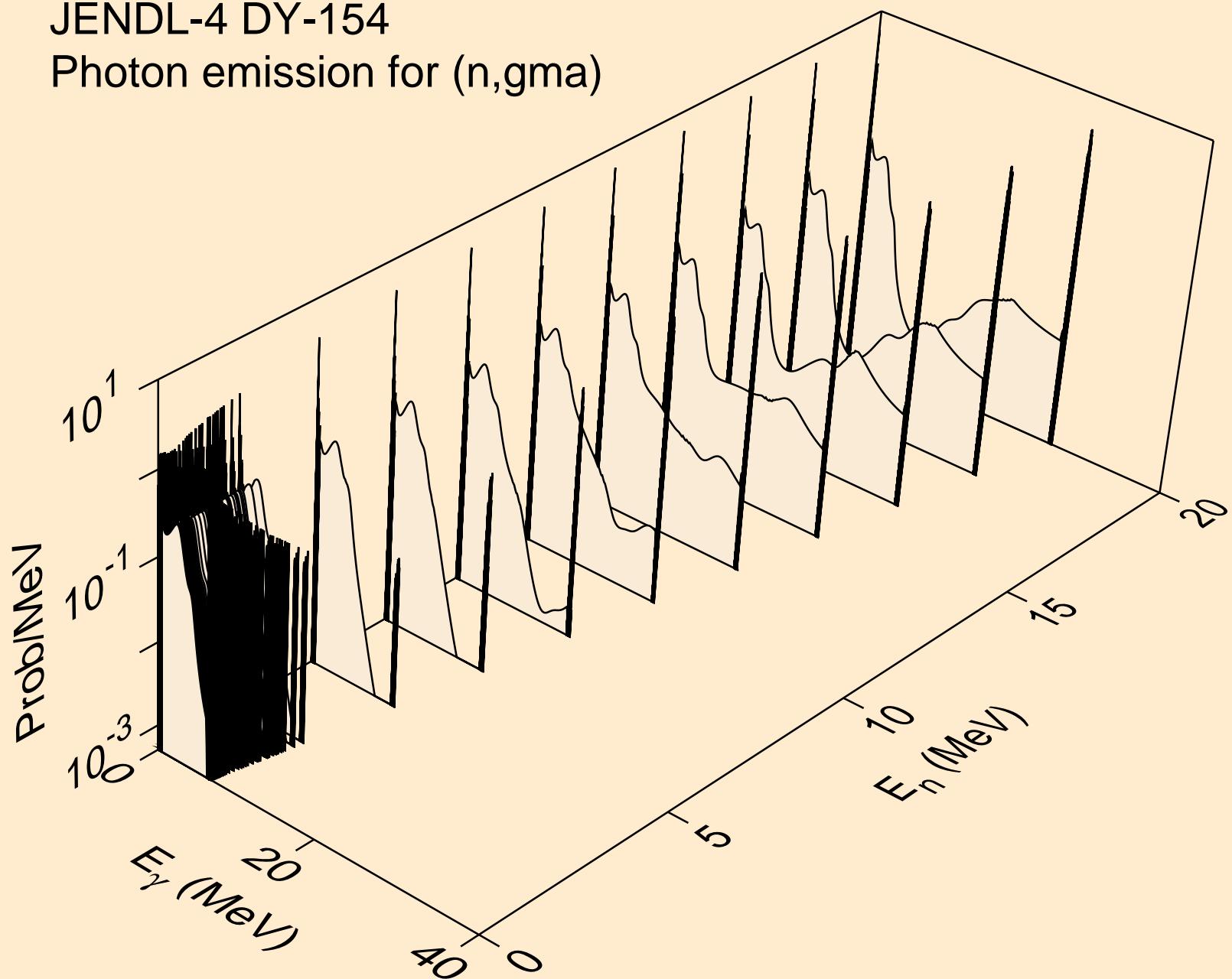
JENDL-4 DY-154  
Photon emission for ( $n, n^* 15$ )



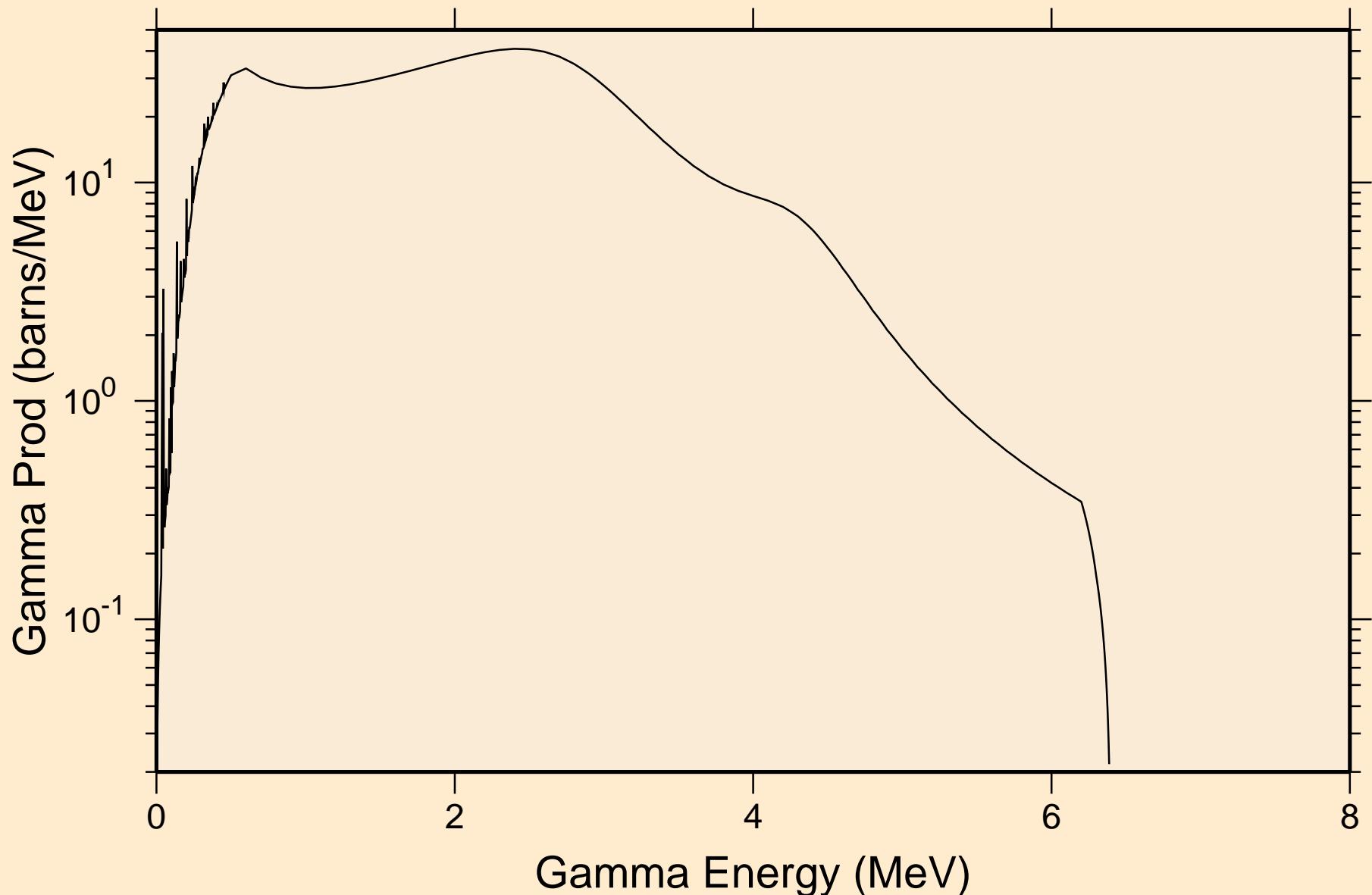
JENDL-4 DY-154  
Photon emission for  $(n, n^* c)$



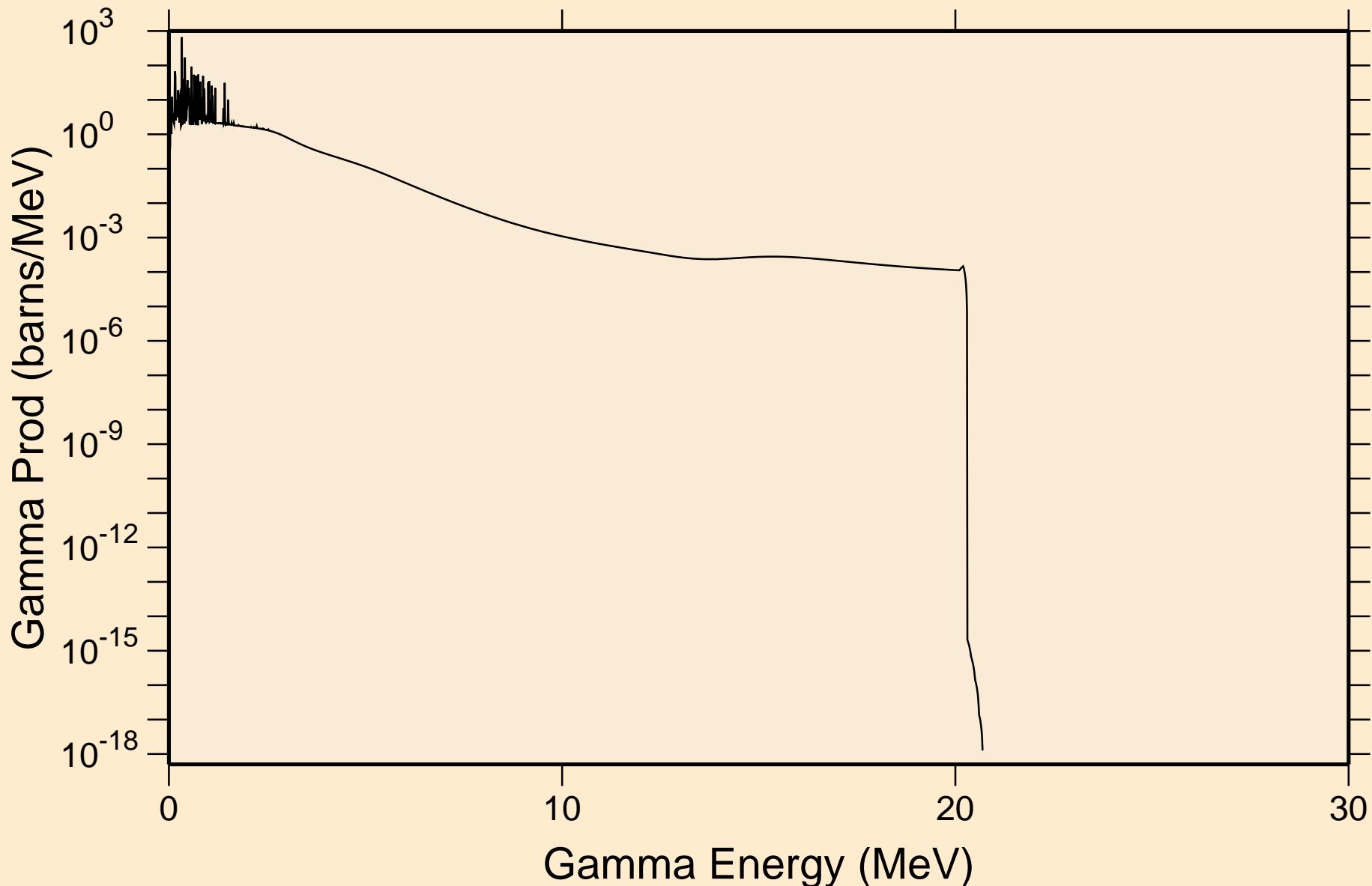
JENDL-4 DY-154  
Photon emission for (n,gma)



JENDL-4 DY-154  
thermal capture photon spectrum

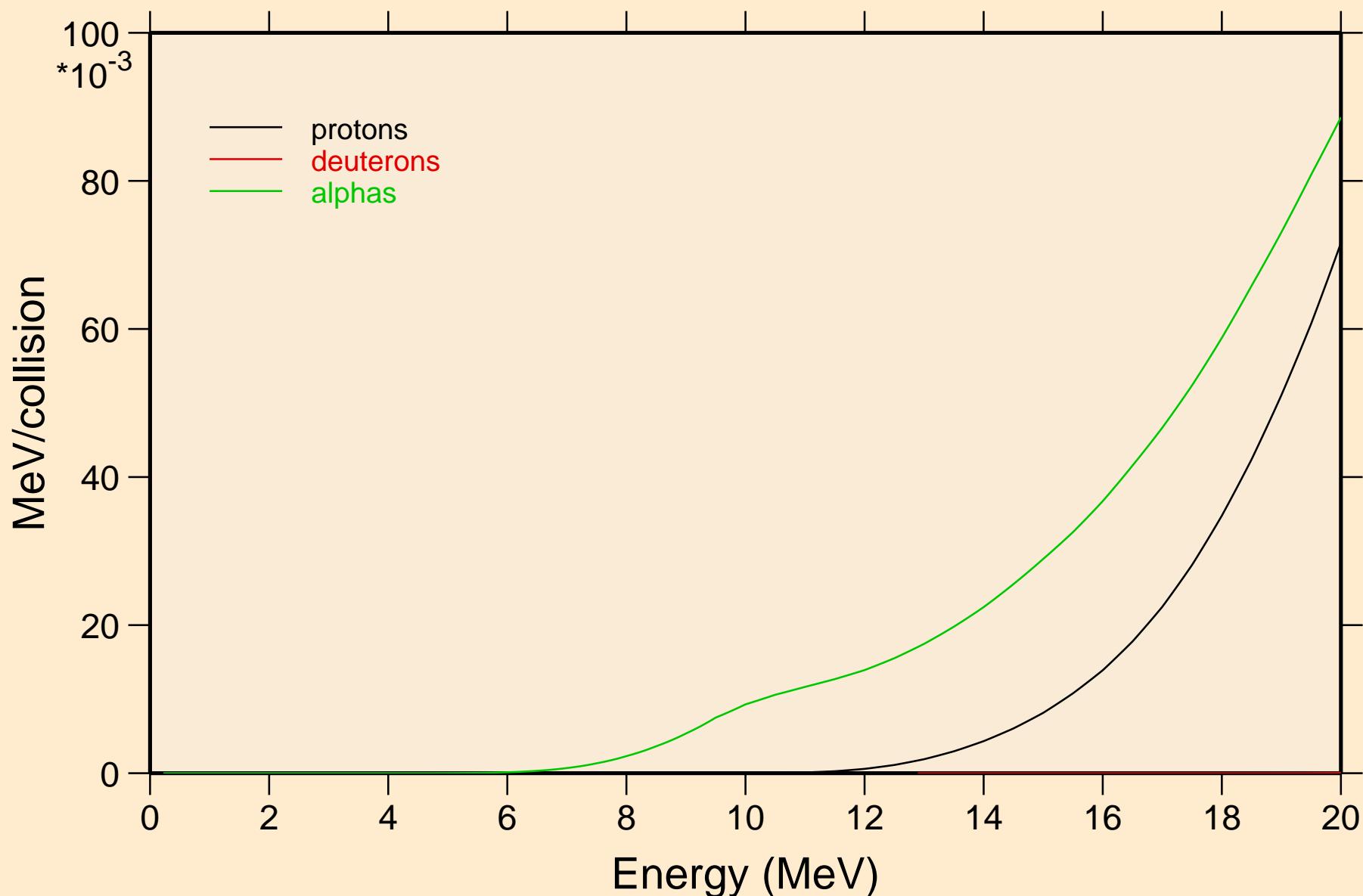


JENDL-4 DY-154  
14 MeV photon spectrum

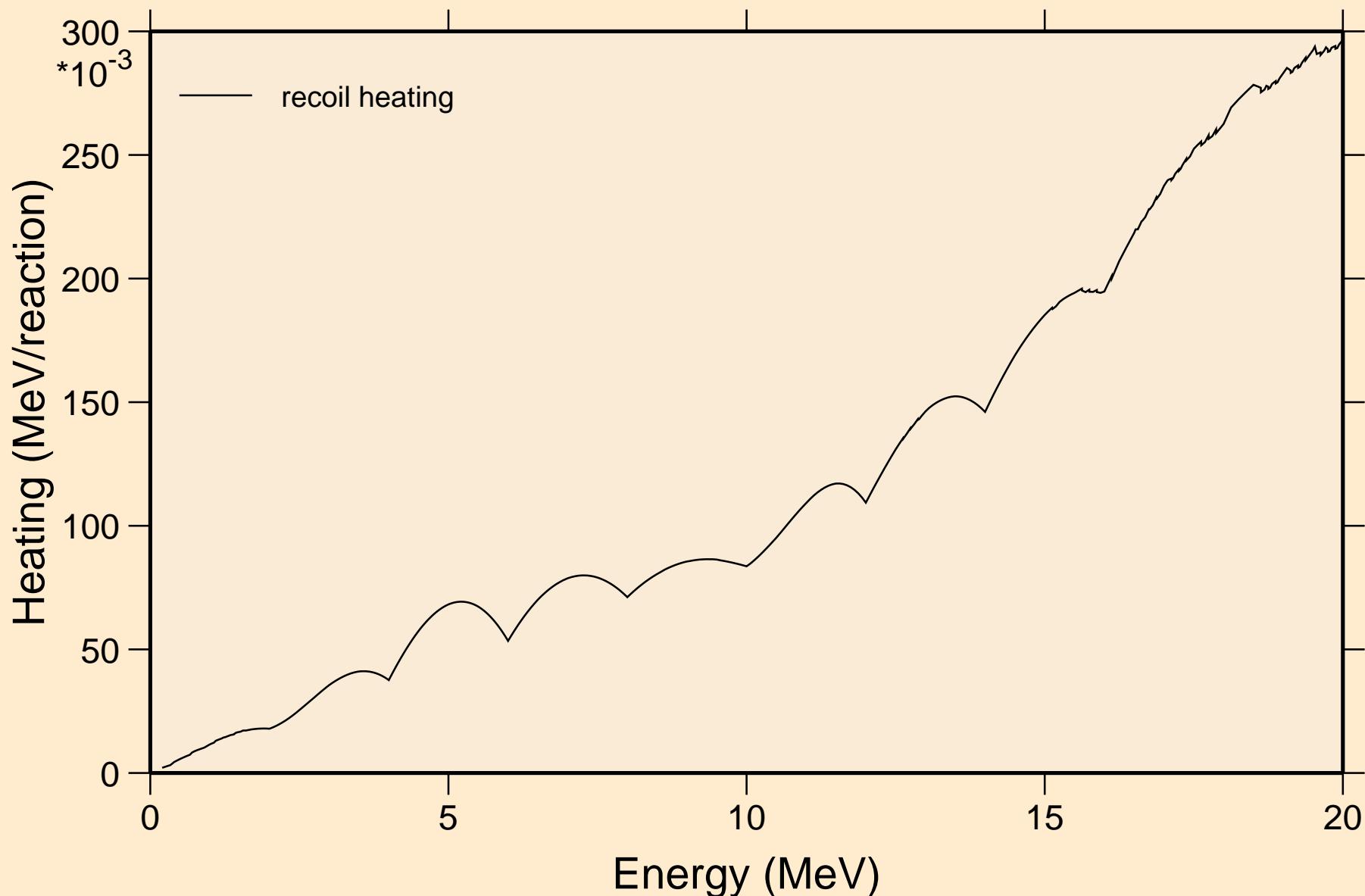


# JENDL-4 DY-154

## Particle heating contributions

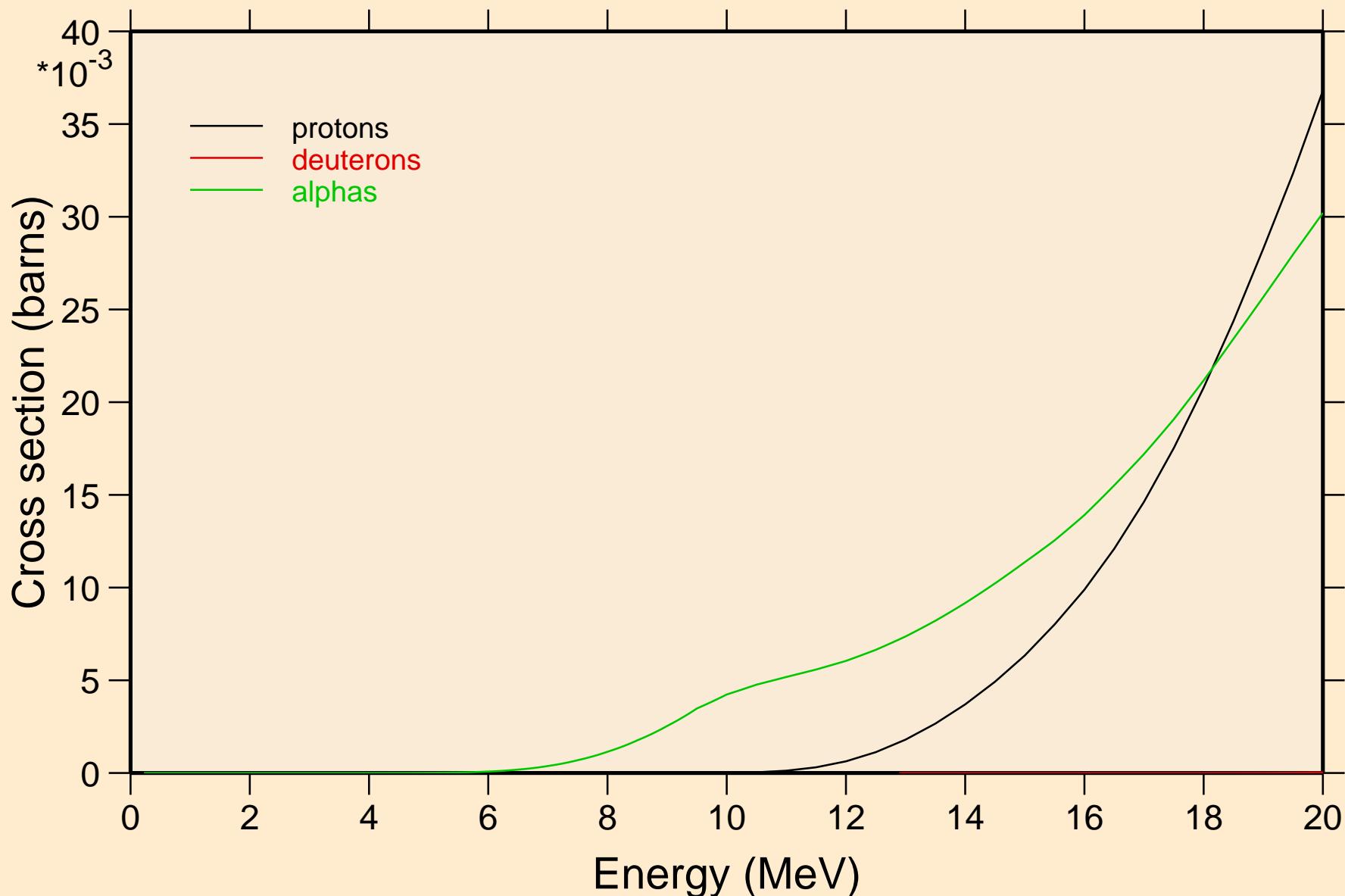


JENDL-4 DY-154  
Recoil Heating

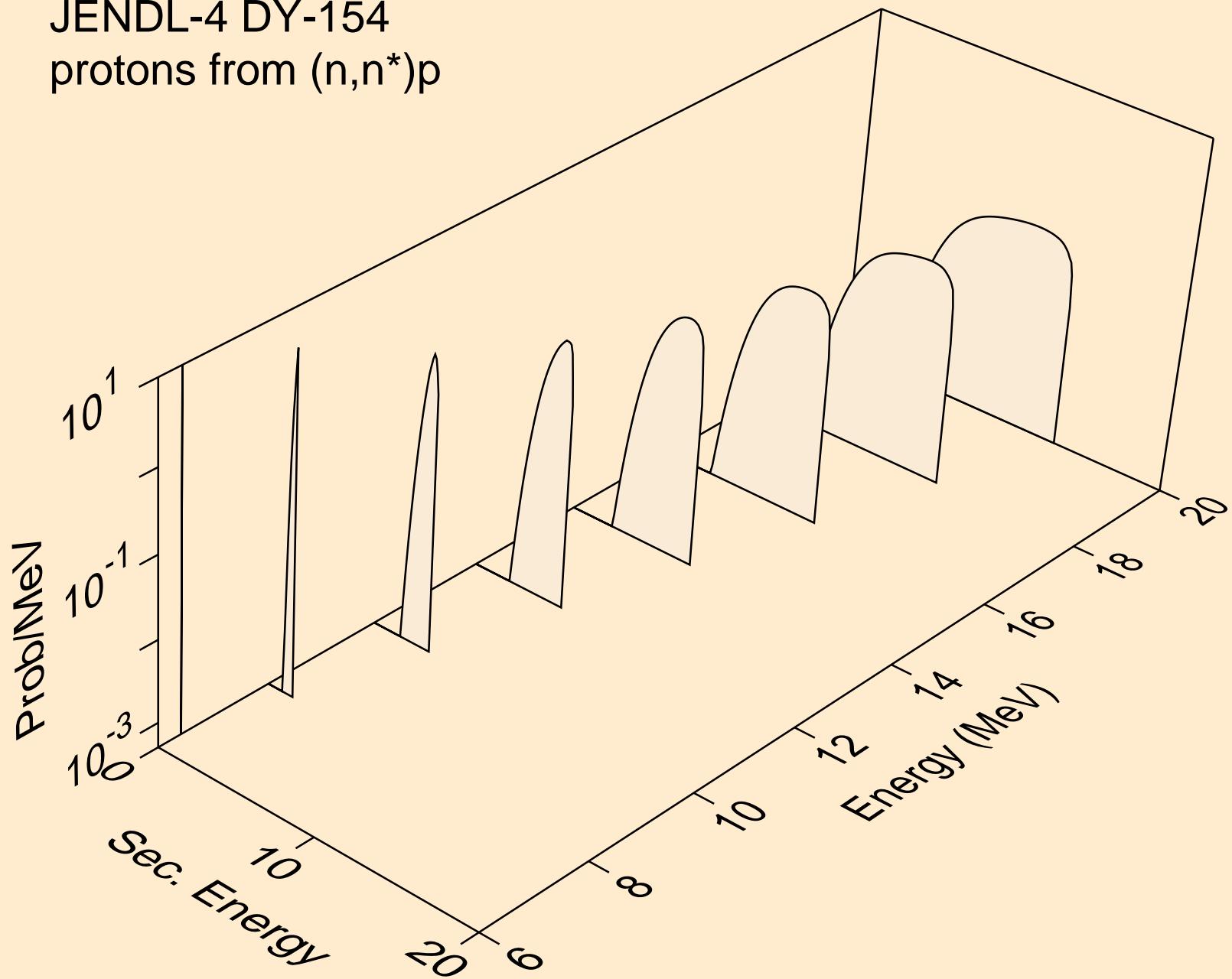


# JENDL-4 DY-154

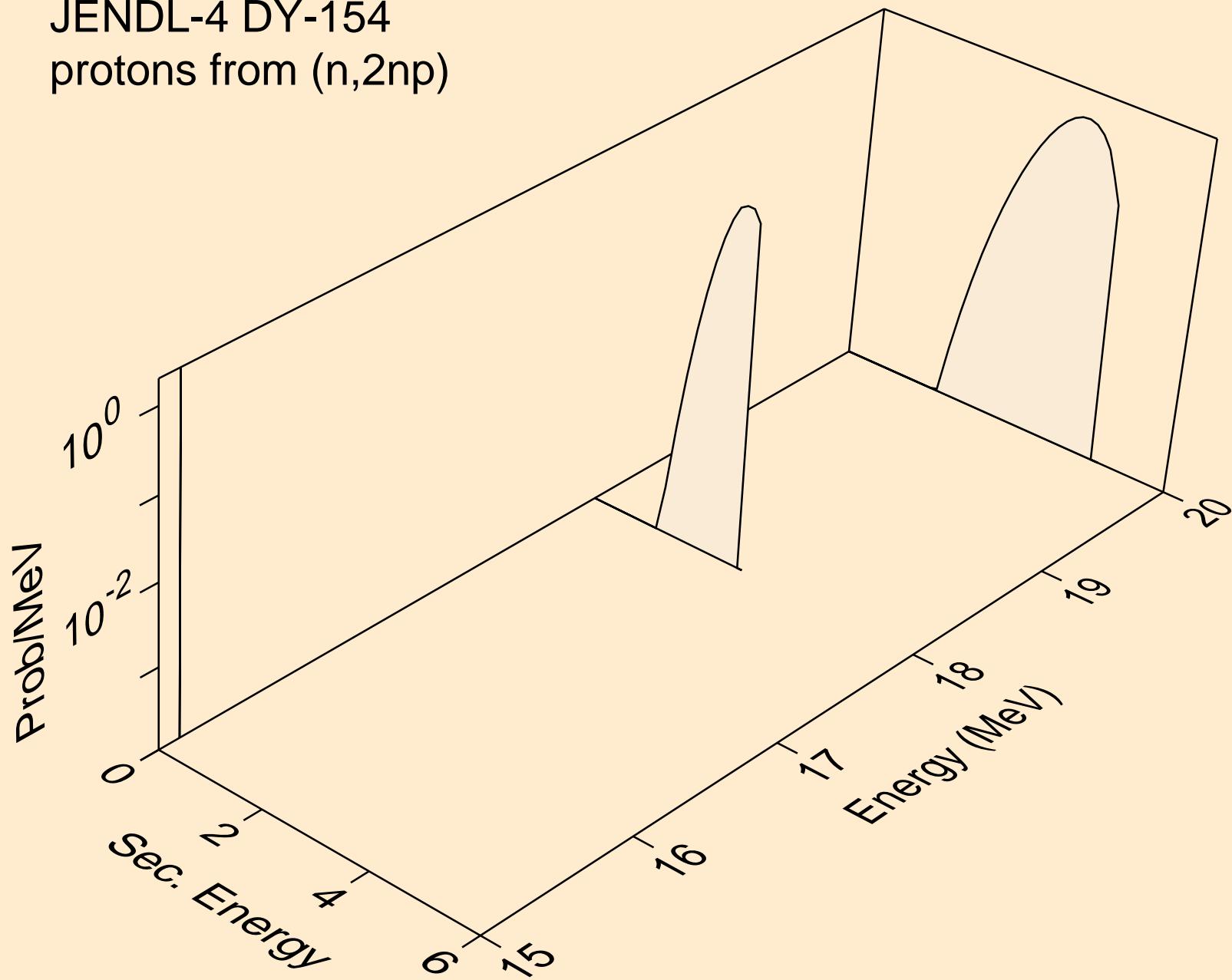
## Particle production cross sections



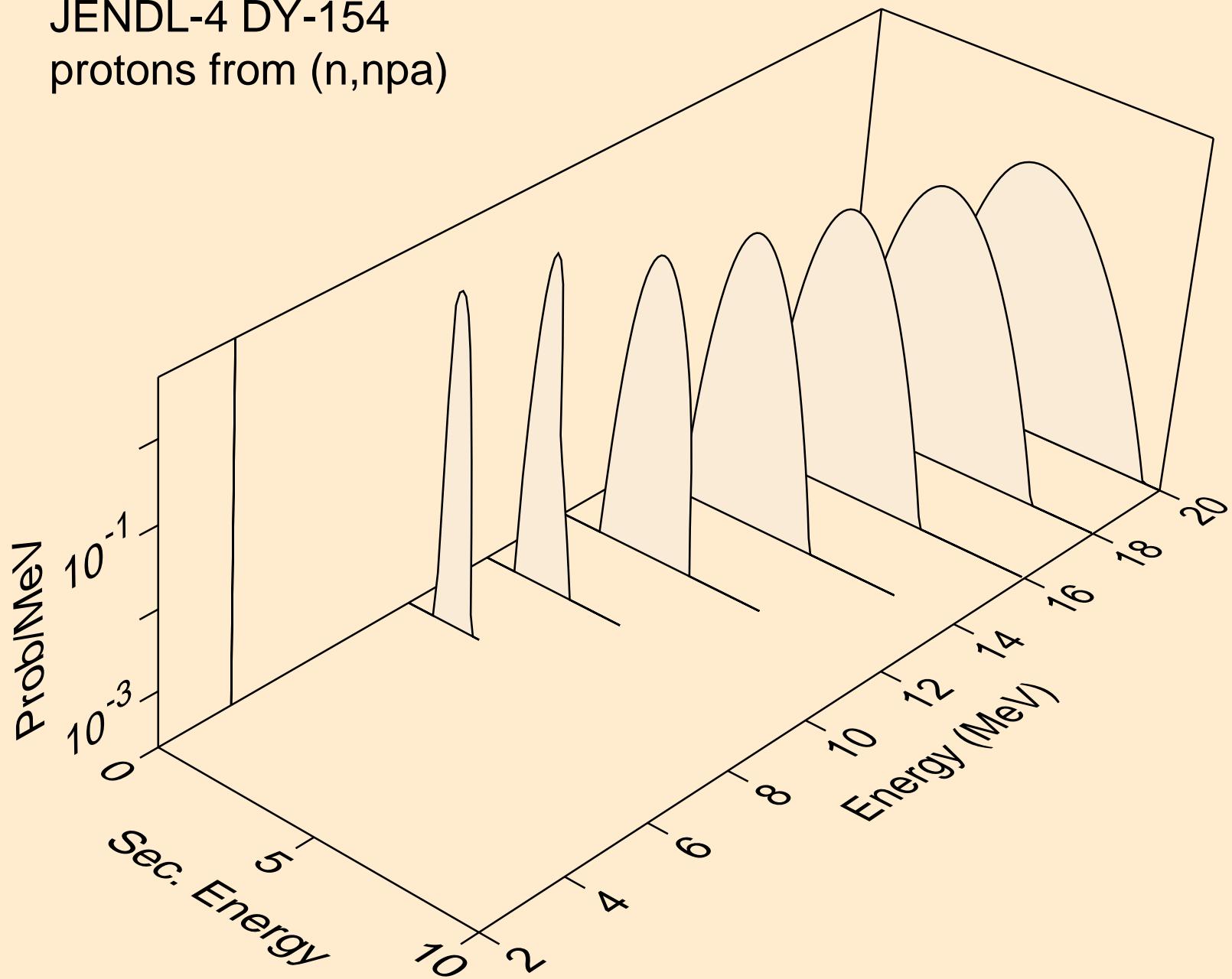
JENDL-4 DY-154  
protons from  $(n,n^*)p$



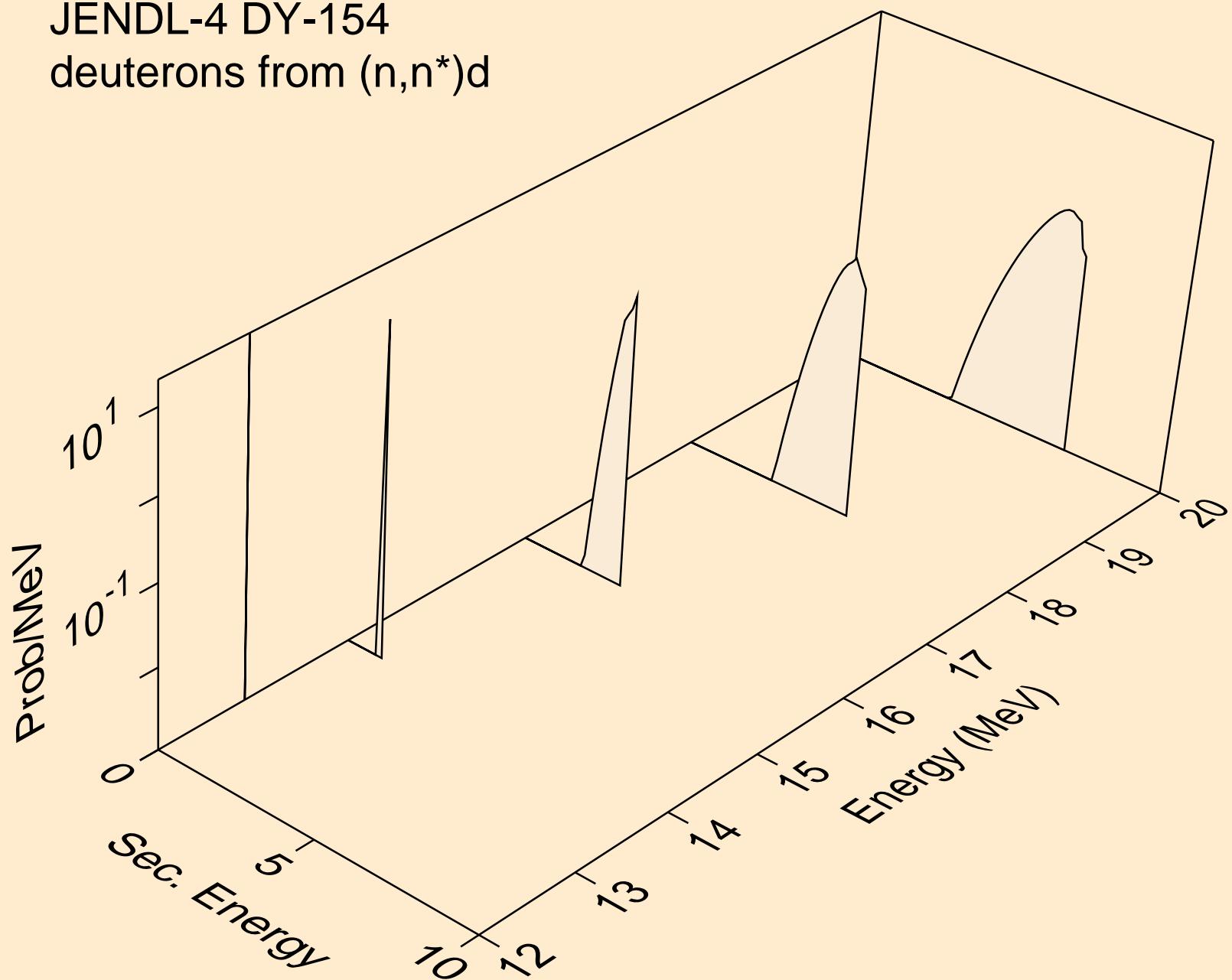
JENDL-4 DY-154  
protons from ( $n,2np$ )



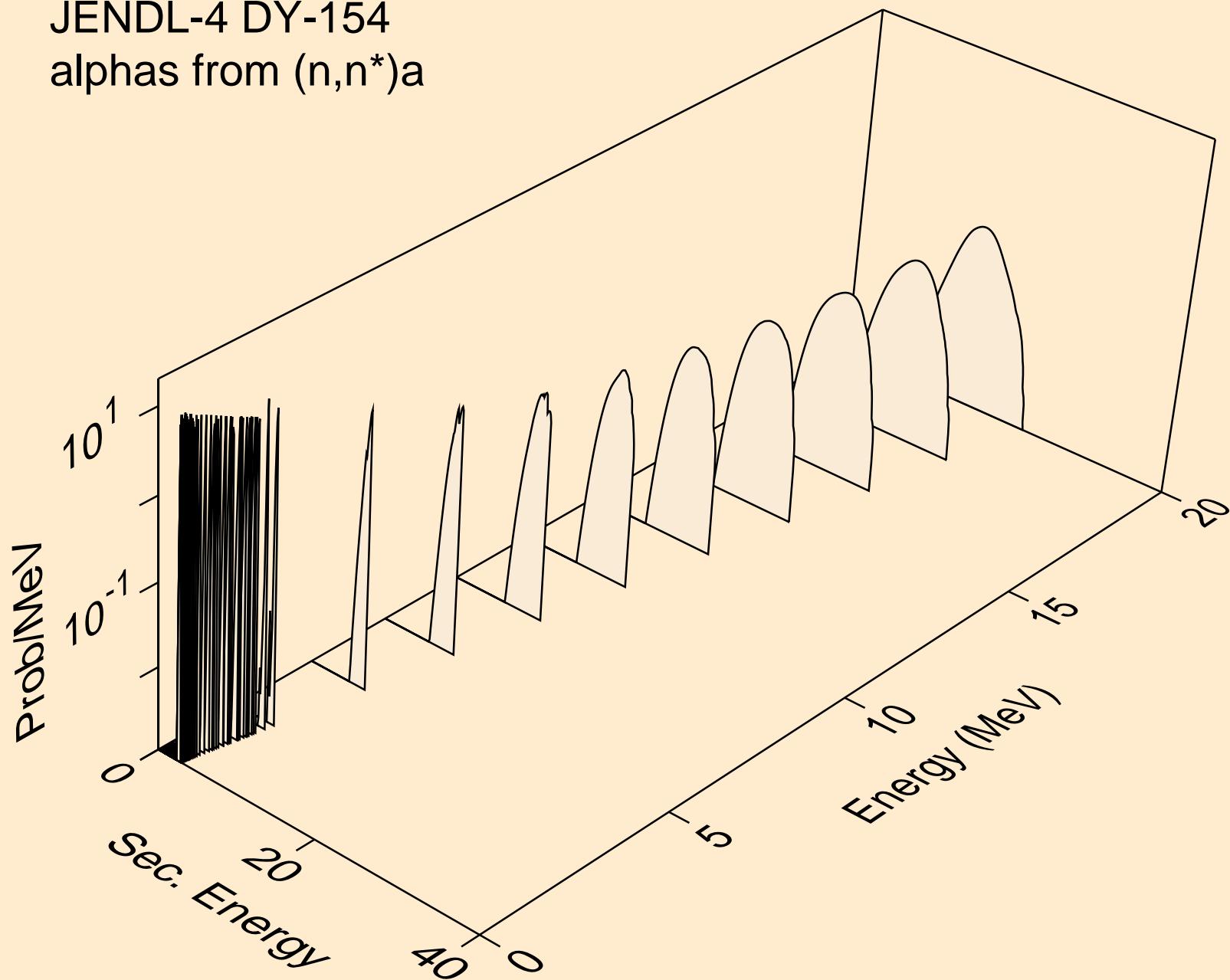
JENDL-4 DY-154  
protons from (n,npa)



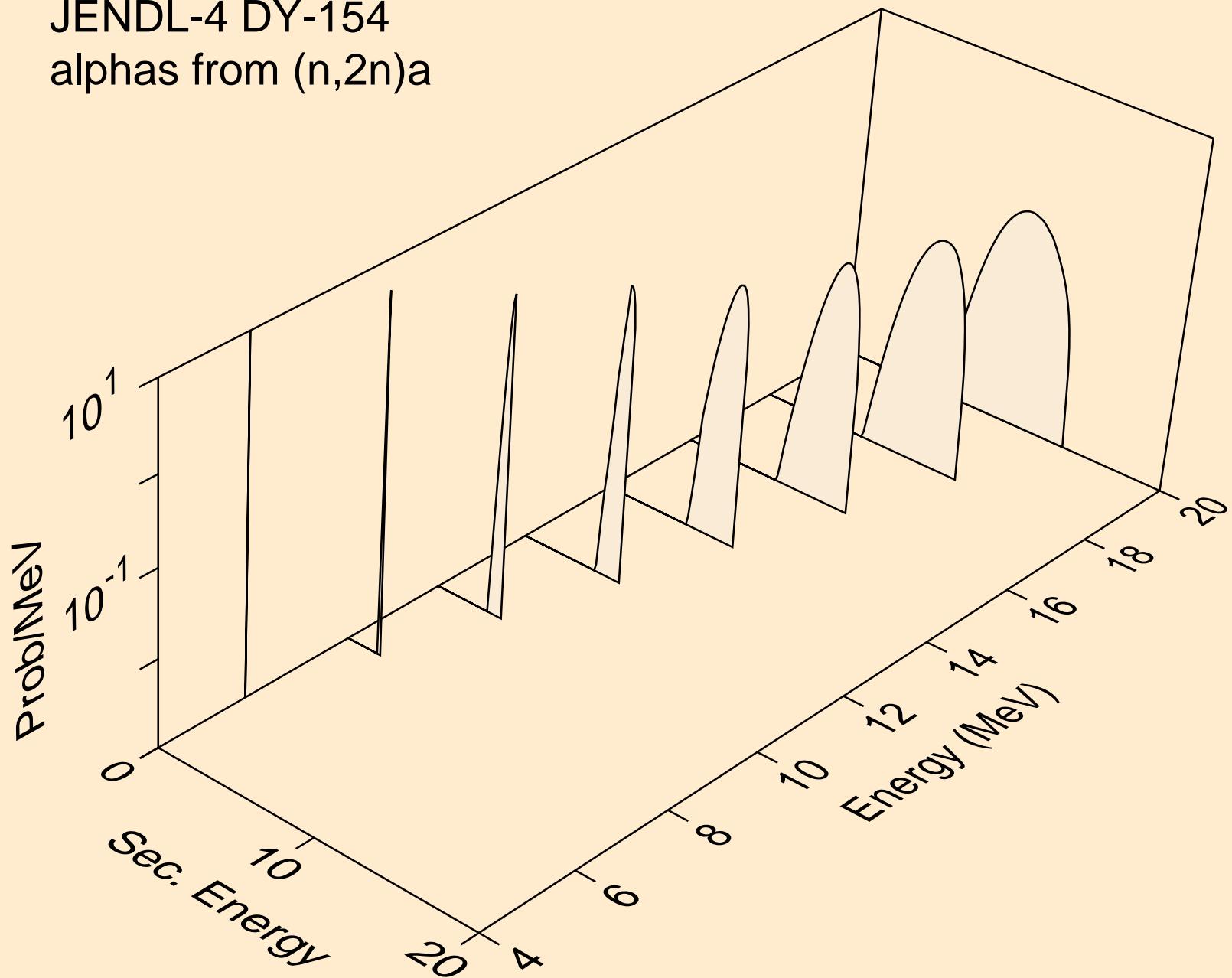
JENDL-4 DY-154  
deuterons from  $(n,n^*)d$



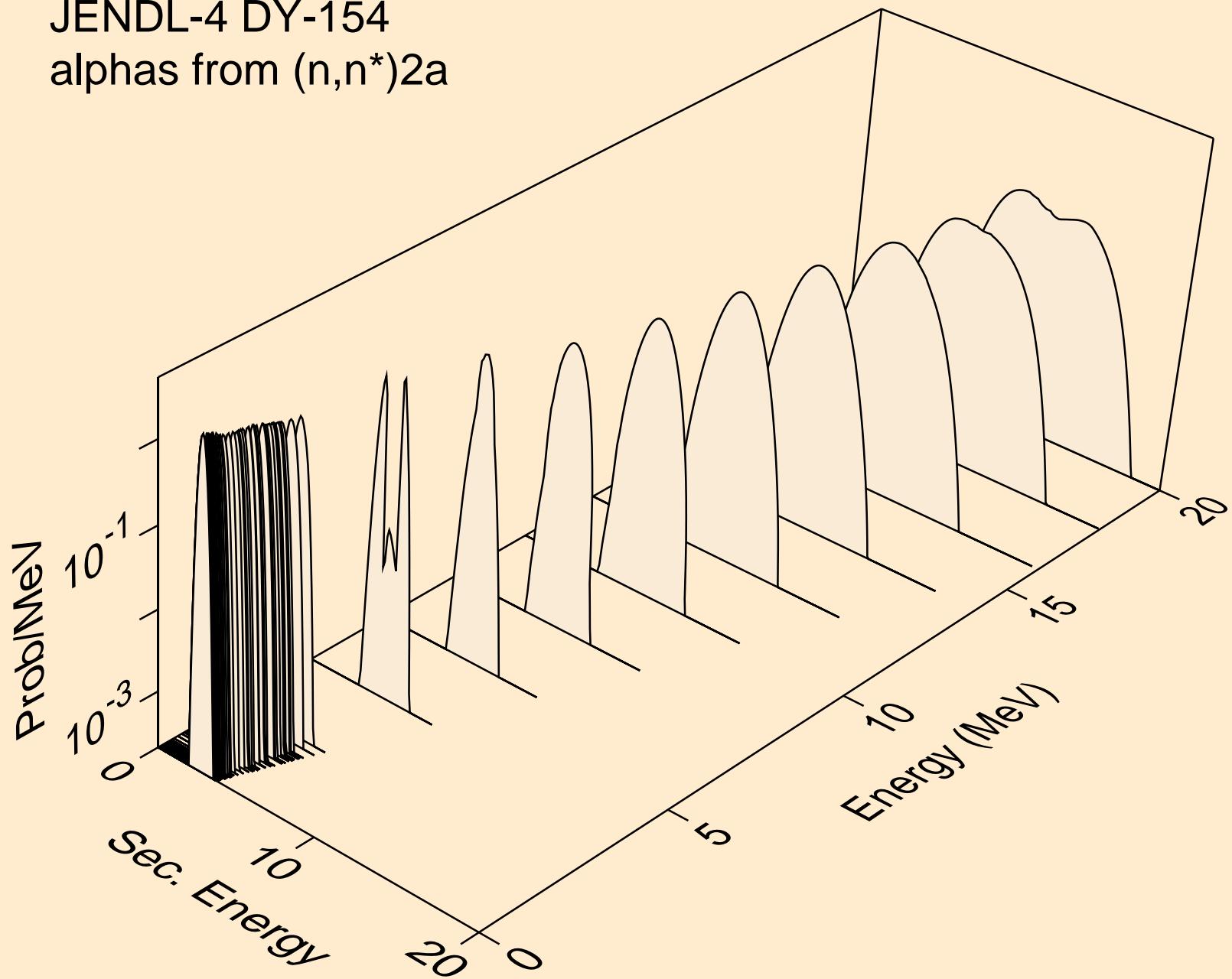
JENDL-4 DY-154  
alphas from  $(n,n^*)a$



JENDL-4 DY-154  
alphas from  $(n,2n)a$



JENDL-4 DY-154  
alphas from  $(n,n^*)2a$



JENDL-4 DY-154  
alphas from (n,npa)

